

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046403.D
 Acq On : 06 Jul 2024 04:50
 Operator : MA/JU
 Sample : P3010-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CG2MS

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 05:21:21 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	9784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.298	136	27670	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	16462	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	29395	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.140	240	12957	0.400	ng/ul	# 0.00
23) Perylene-d12	23.302	264	17685	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	2372	0.235	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	8905	0.218	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	14743	0.325	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.164	88	6410	0.560	ng/ul	97
5) Naphthalene	10.348	128	66943	0.911	ng/ul	99
7) 2-Methylnaphthalene	11.976	142	35332	0.711	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	28739	0.561	ng/ul	99
10) Acenaphthylene	13.896	152	161741	1.936	ng/ul	99
11) Acenaphthene	14.243	153	61141	1.122	ng/ul	98
12) Fluorene	15.238	166	69716	1.084	ng/ul	99
14) Pentachlorophenol	16.584	266	6560	0.765	ng/ul	99
15) Phenanthrene	16.972	178	1065665	12.106	ng/ul	99
16) Anthracene	17.061	178	284780	3.335	ng/ul	99
19) Fluoranthene	19.002	202	1691085	25.821	ng/ul	98
20) Pyrene	19.364	202	1225130	18.180	ng/ul#	95
21) Benzo(a)anthracene	21.125	228	689890m	11.917	ng/ul	
22) Chrysene	21.175	228	691823	12.019	ng/ul	97
24) Benzo(b)fluoranthene	22.665	252	888043m	11.811	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	320565m	4.224	ng/ul	
26) Benzo(a)pyrene	23.209	252	346356	5.828	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.453	276	364197	4.536	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.470	278	124462	2.004	ng/ul	94
29) Benzo(g,h,i)perylene	26.104	276	57405	0.897	ng/ul#	88

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

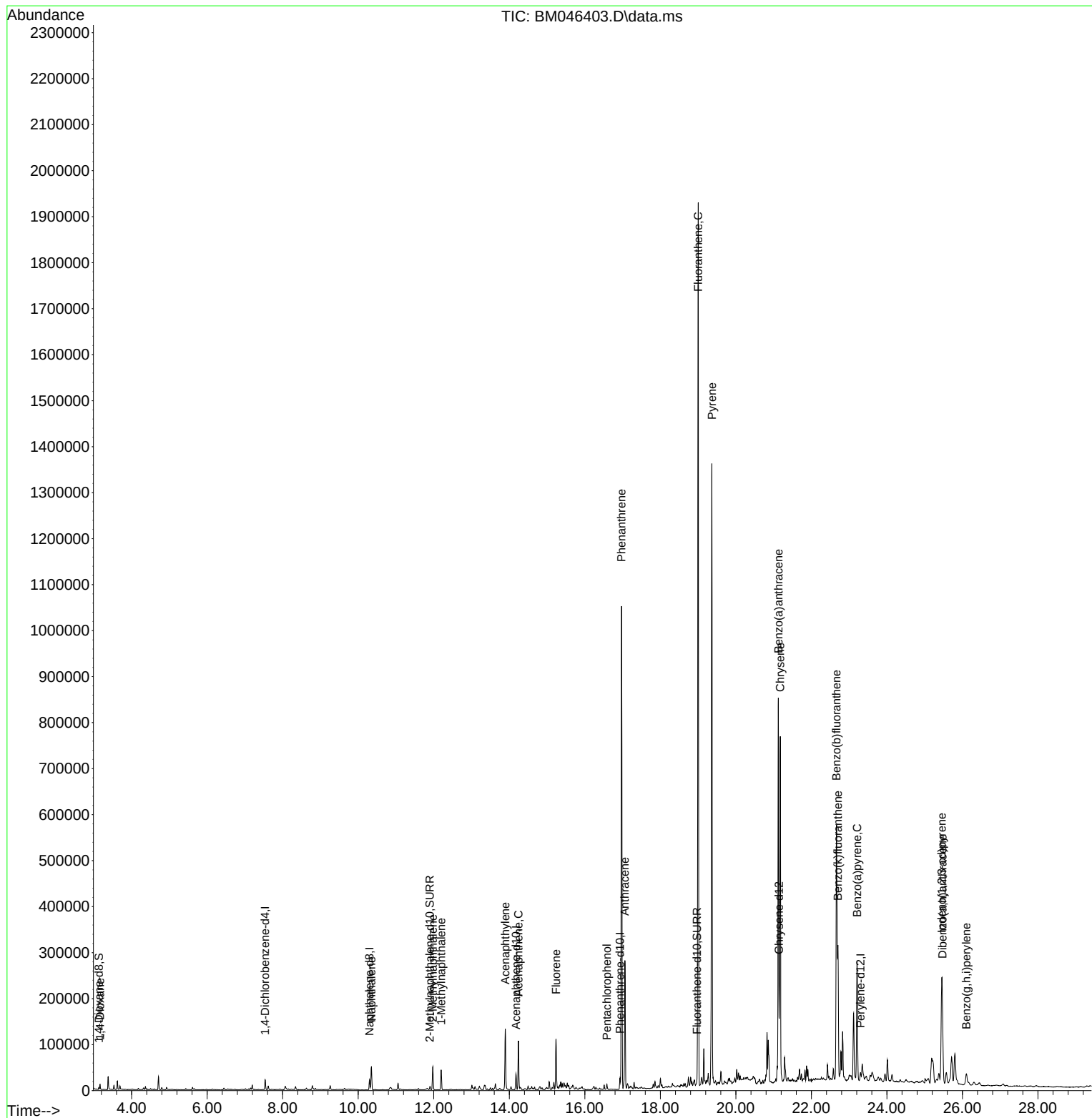
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046403.D
Acq On : 06 Jul 2024 04:50
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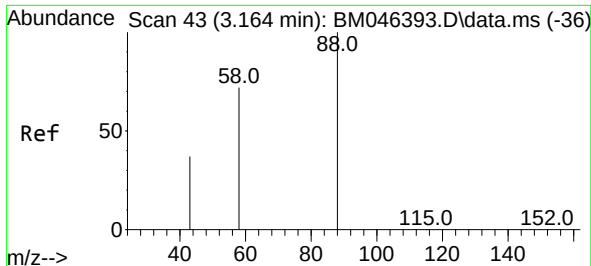
Instrument :
BNA_M
ClientSampleId :
A4CG2MS

Quant Time: Jul 06 05:21:21 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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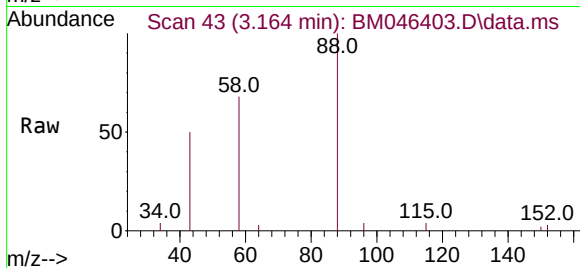
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024





#2
1,4-Dioxane
Concen: 0.560 ng/ul
RT: 3.164 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

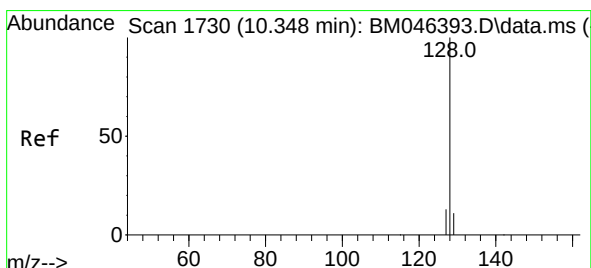
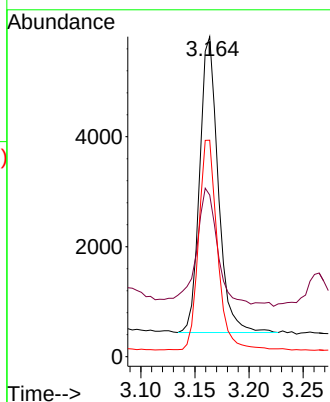
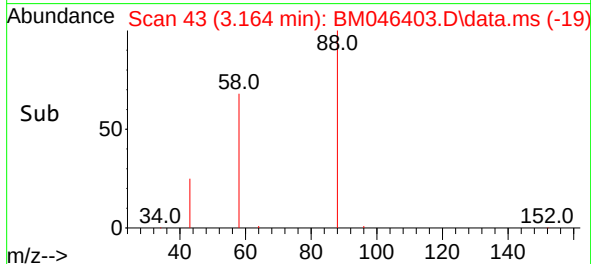
Instrument :
BNA_M
ClientSampleId :
A4CG2MS



Tgt Ion: 88 Resp: 6410
Ion Ratio Lower Upper
88 100
43 50.5 41.9 62.9
58 67.6 56.5 84.7

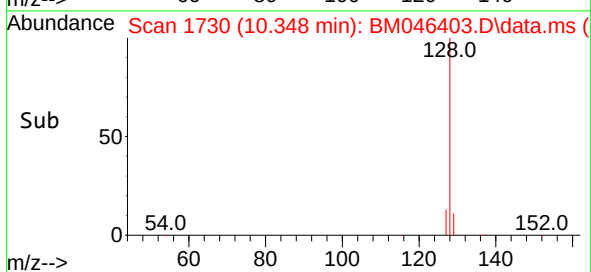
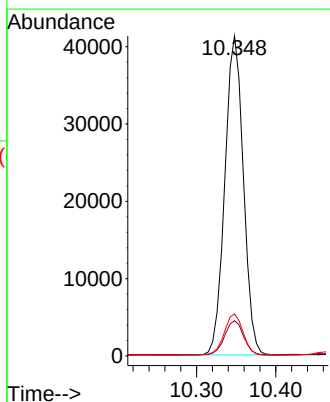
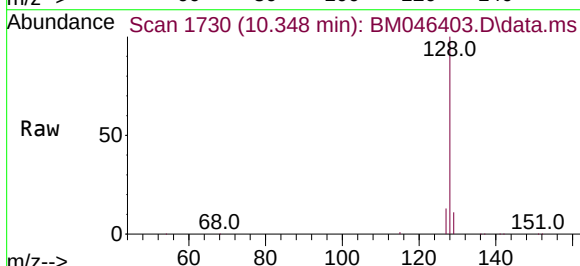
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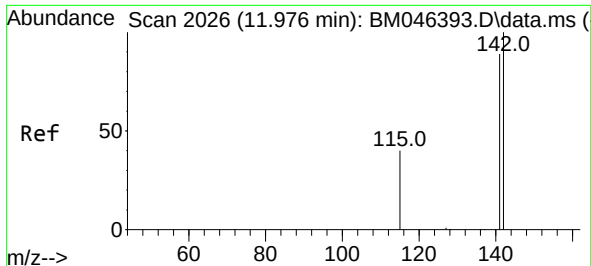
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#5
Naphthalene
Concen: 0.911 ng/ul
RT: 10.348 min Scan# 1730
Delta R.T. -0.004 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

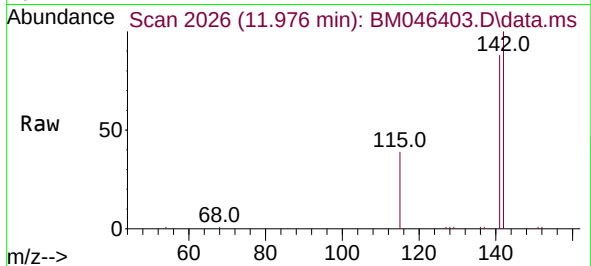
Tgt Ion:128 Resp: 66943
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.2 10.8 16.2





#7
2-Methylnaphthalene
Concen: 0.711 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

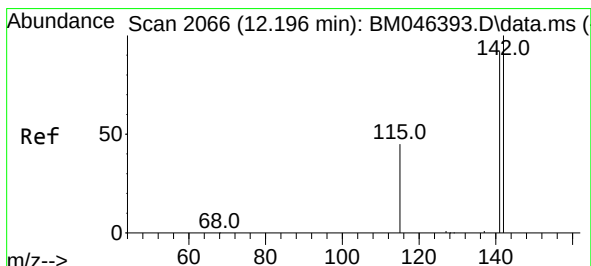
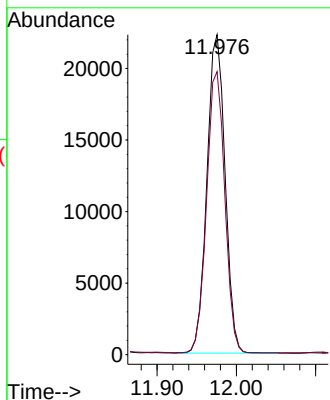
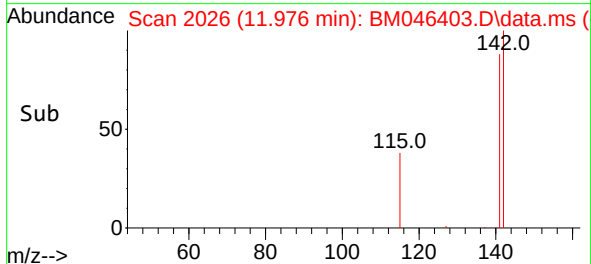
Instrument :
BNA_M
ClientSampleId :
A4CG2MS



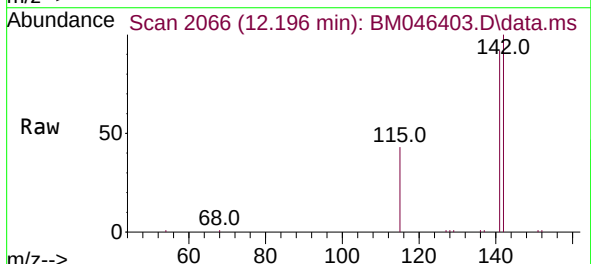
Tgt Ion:142 Resp: 3533
Ion Ratio Lower Upper
142 100
141 88.7 69.8 104.6

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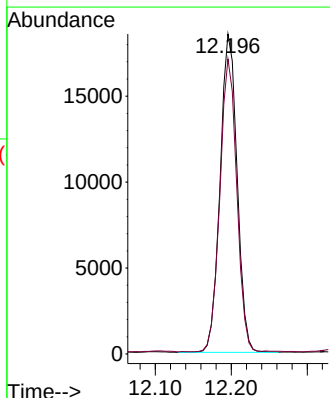
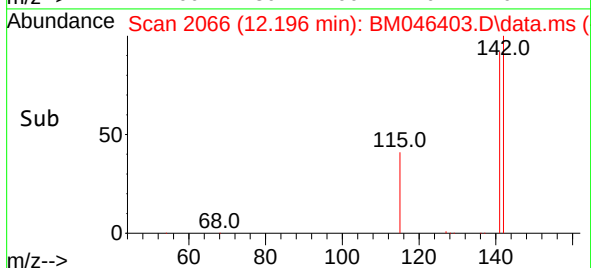
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

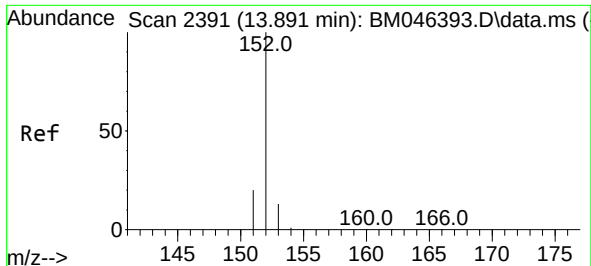


#8
1-Methylnaphthalene
Concen: 0.561 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50



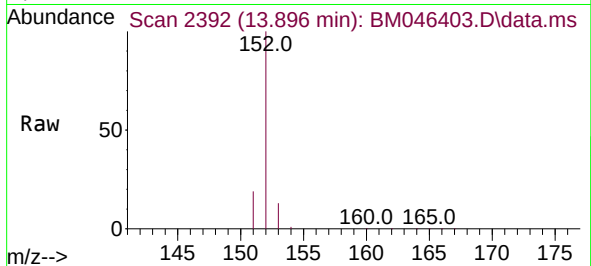
Tgt Ion:142 Resp: 28739
Ion Ratio Lower Upper
142 100
141 91.1 72.4 108.6





#10
Acenaphthylene
Concen: 1.936 ng/ul
RT: 13.896 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

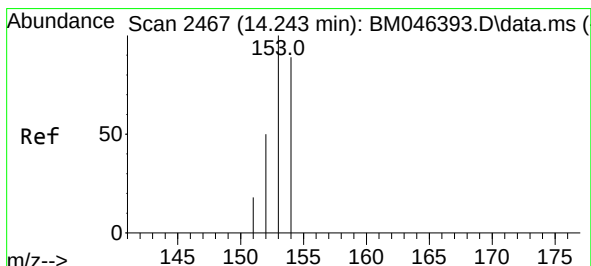
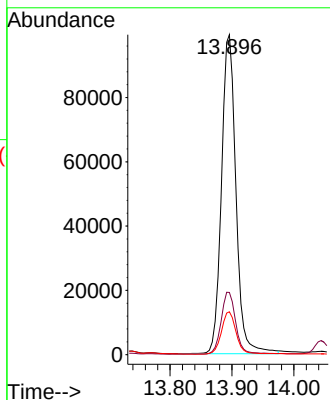
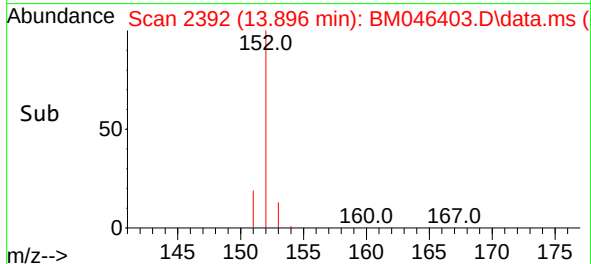
Instrument :
BNA_M
ClientSampleId :
A4CG2MS



Tgt Ion:152 Resp: 16174
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.4 11.0 16.6

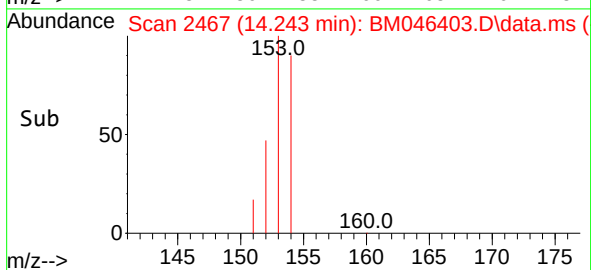
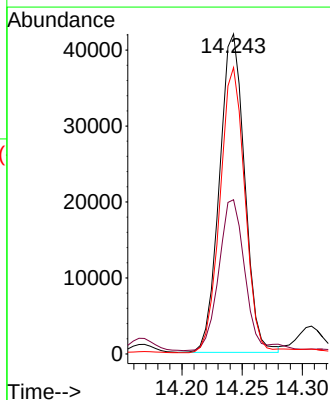
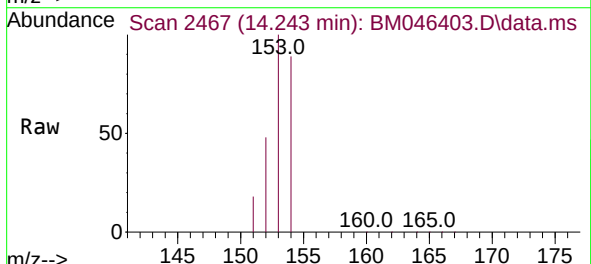
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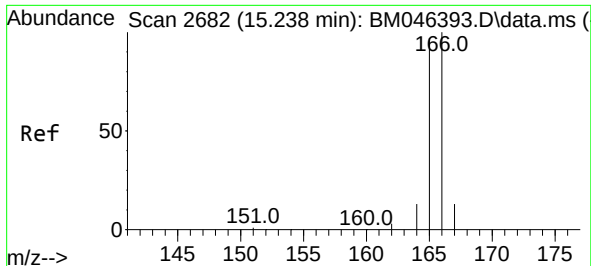
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#11
Acenaphthene
Concen: 1.122 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

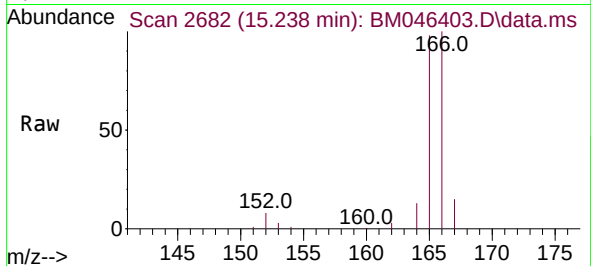
Tgt Ion:153 Resp: 61141
Ion Ratio Lower Upper
153 100
152 48.2 40.4 60.6
154 89.5 72.1 108.1





#12
Fluorene
Concen: 1.084 ng/ul
RT: 15.238 min Scan# 20
Delta R.T. -0.003 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

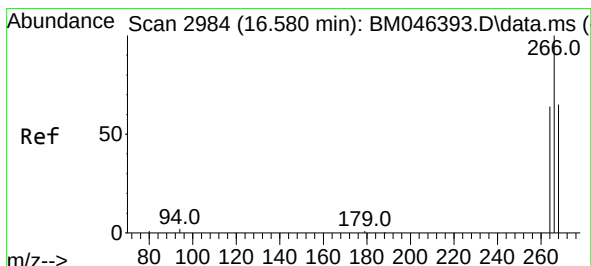
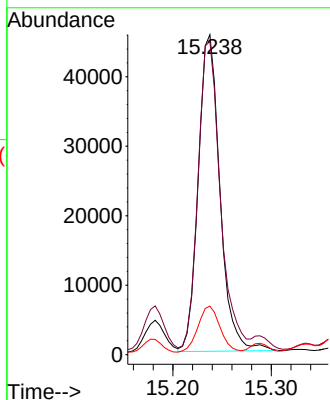
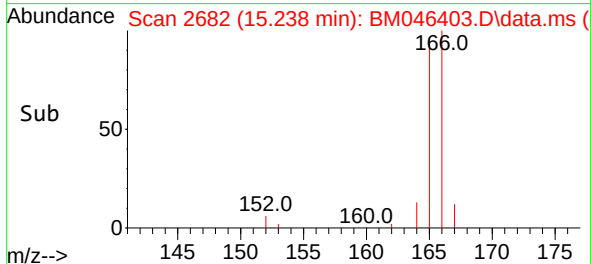
Instrument :
BNA_M
ClientSampleId :
A4CG2MS



Tgt Ion:166 Resp: 69710
Ion Ratio Lower Upper
166 100
165 97.9 78.0 117.0
167 15.1 11.4 17.0

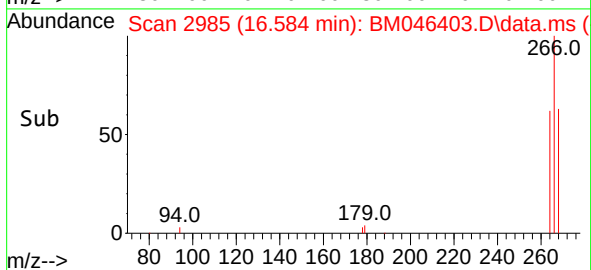
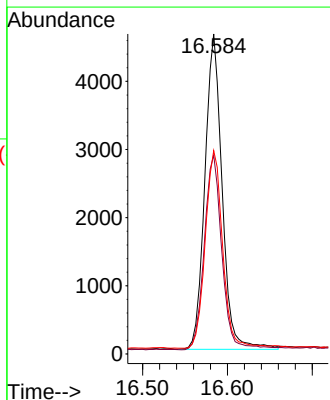
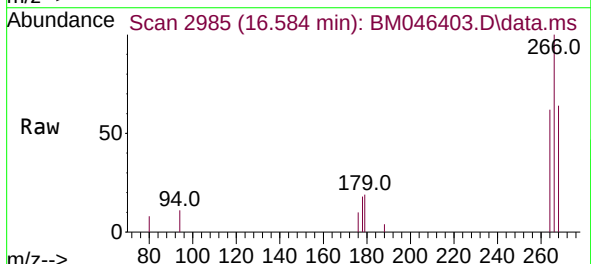
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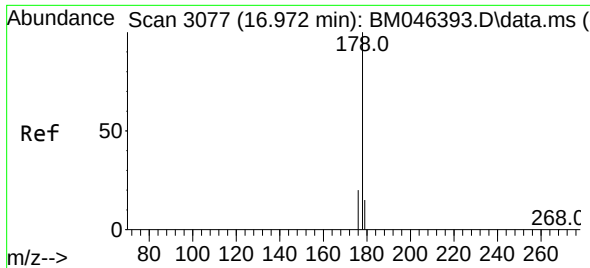
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#14
Pentachlorophenol
Concen: 0.765 ng/ul
RT: 16.584 min Scan# 2985
Delta R.T. -0.003 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

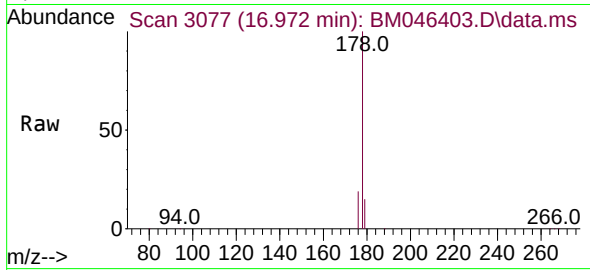
Tgt Ion:266 Resp: 6560
Ion Ratio Lower Upper
266 100
264 63.0 51.0 76.6
268 63.6 50.8 76.2





#15
Phenanthrene
Concen: 12.106 ng/u1
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

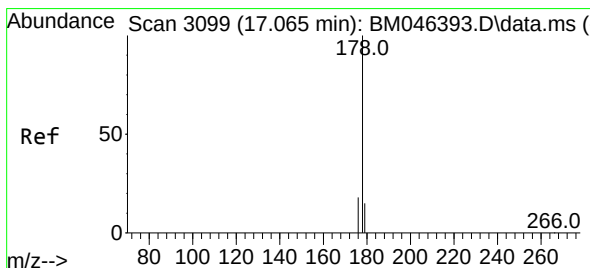
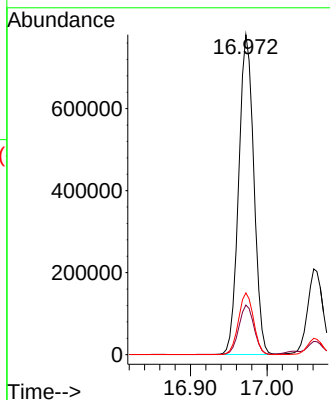
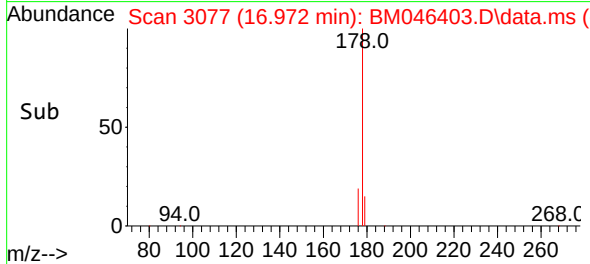
Instrument :
BNA_M
ClientSampleId :
A4CG2MS



Tgt Ion:178 Resp: 106566
Ion Ratio Lower Upper
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179 15.5 12.7 19.1
176 19.3 16.0 24.0

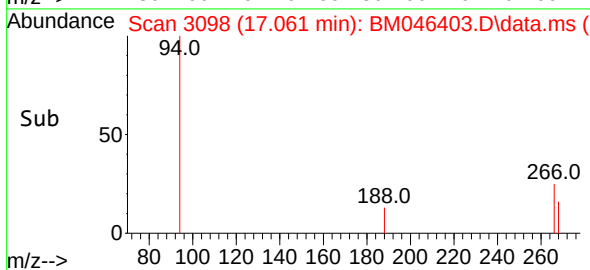
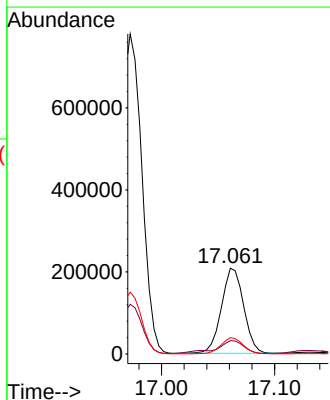
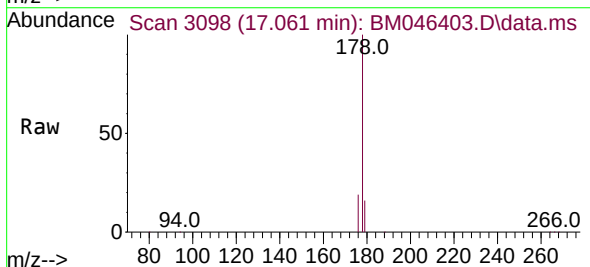
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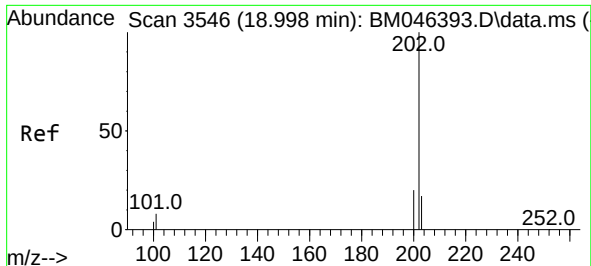
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 3.335 ng/u1
RT: 17.061 min Scan# 3098
Delta R.T. -0.007 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

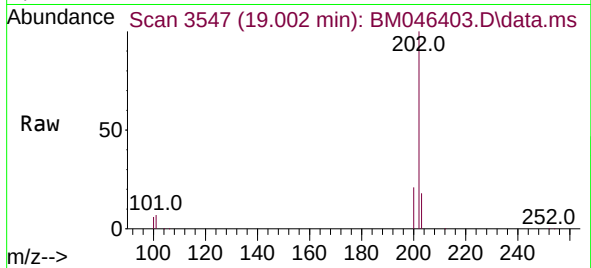
Tgt Ion:178 Resp: 284780
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.1 14.9 22.3





#19
Fluoranthene
Concen: 25.821 ng/u1
RT: 19.002 min Scan# 3547
Delta R.T. -0.003 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

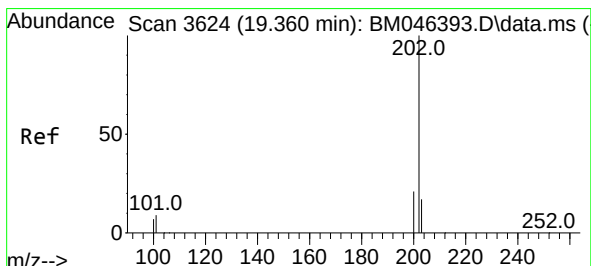
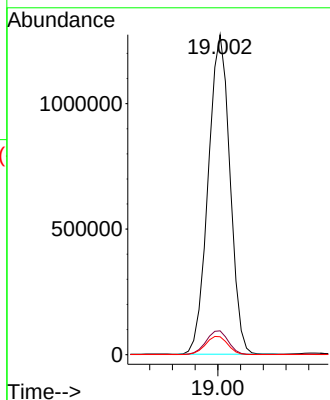
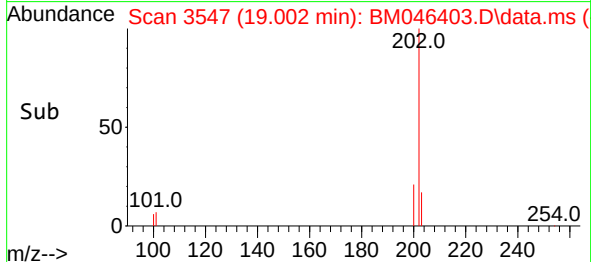
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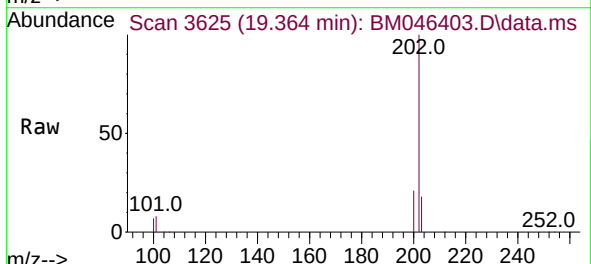
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Ion Ratio Lower Upper
202 100
101 7.4 6.3 9.5
100 5.6 5.0 7.6

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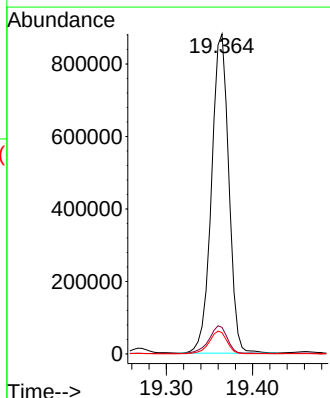
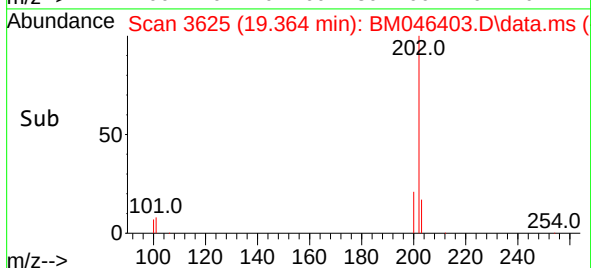
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

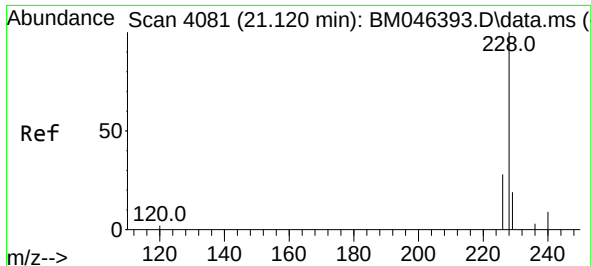


#20
Pyrene
Concen: 18.180 ng/u1
RT: 19.364 min Scan# 3625
Delta R.T. 0.001 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50



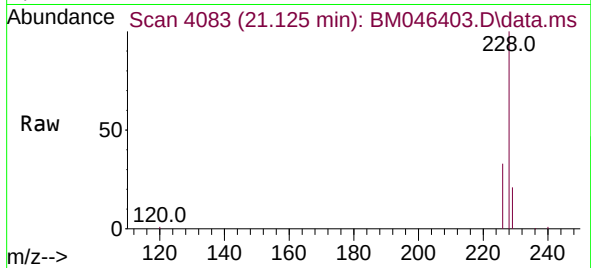
Tgt Ion:202 Resp: 1225130
Ion Ratio Lower Upper
202 100
101 8.3 8.2 12.4
100 6.6 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 11.917 ng/ul m
RT: 21.125 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

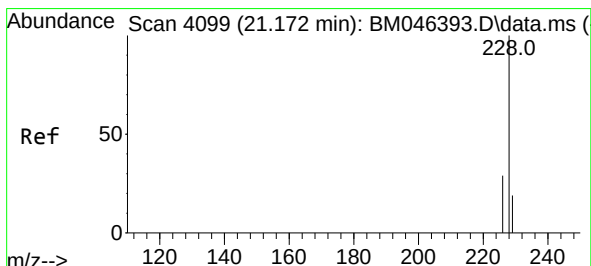
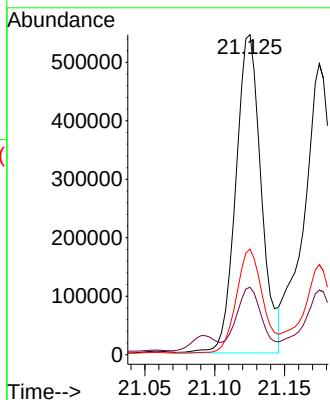
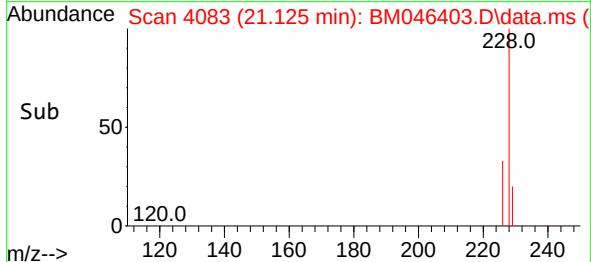
Instrument :
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Tgt Ion:228 Resp: 689890
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.6
226 33.0 22.0 33.0

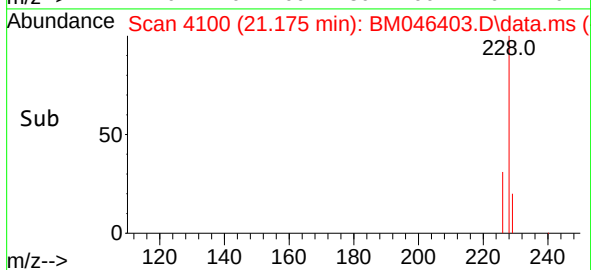
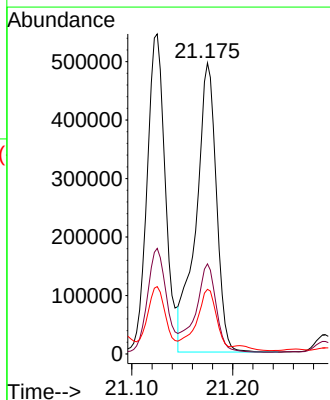
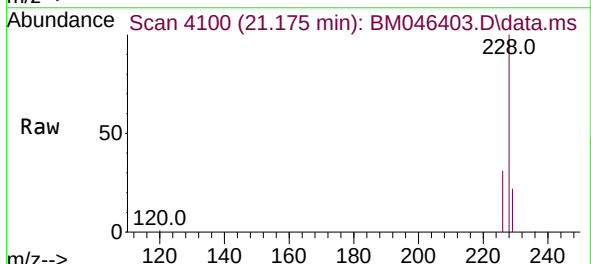
Manual Integrations
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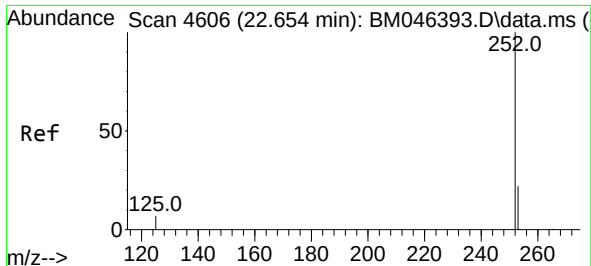
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 12.019 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.003 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

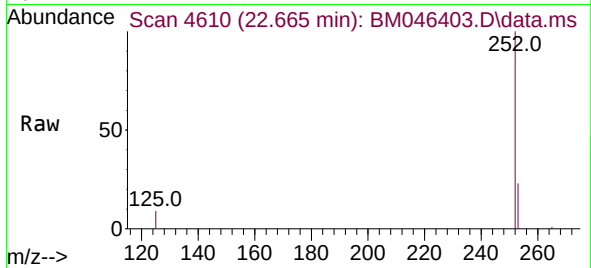
Tgt Ion:228 Resp: 691823
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 11.811 ng/ul m
RT: 22.665 min Scan# 4610
Delta R.T. 0.003 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

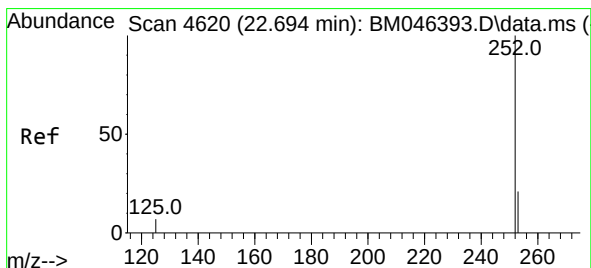
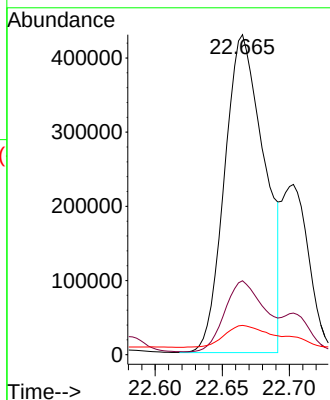
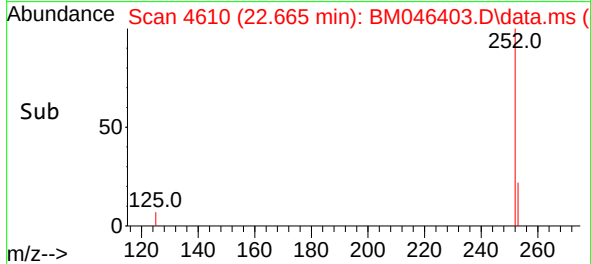
Instrument :
BNA_M
ClientSampleId :
A4CG2MS



Tgt Ion:252 Resp: 88804
Ion Ratio Lower Upper
252 100
253 23.1 0.0 47.0
125 9.2 0.0 18.4

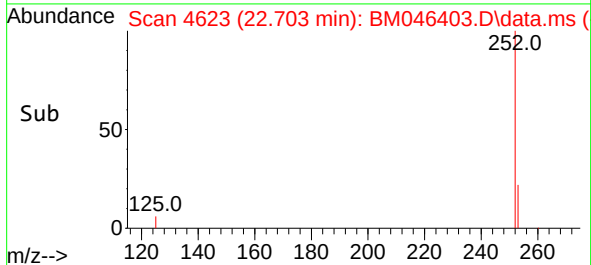
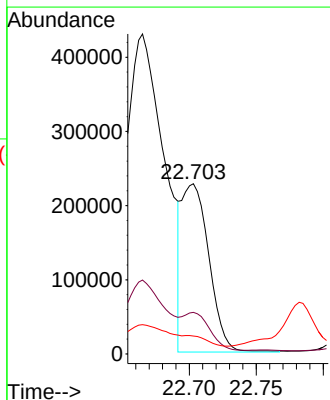
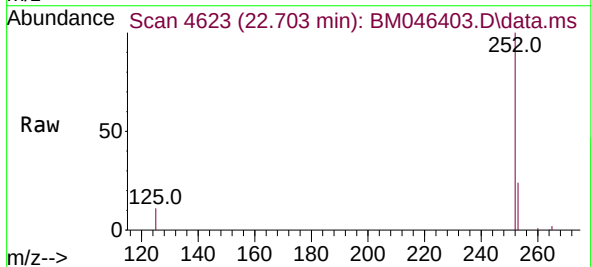
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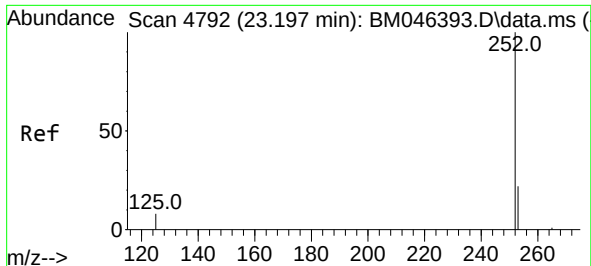
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 4.224 ng/ul m
RT: 22.703 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

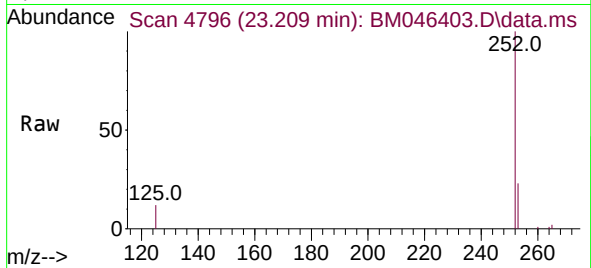
Tgt Ion:252 Resp: 320565
Ion Ratio Lower Upper
252 100
253 24.4 18.4 27.6
125 10.5 7.5 11.3





#26
Benzo(a)pyrene
Concen: 5.828 ng/ul
RT: 23.209 min Scan# 4796
Delta R.T. -0.000 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

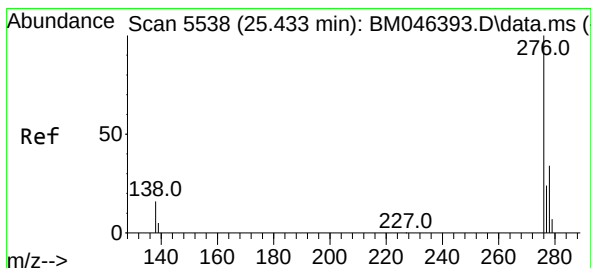
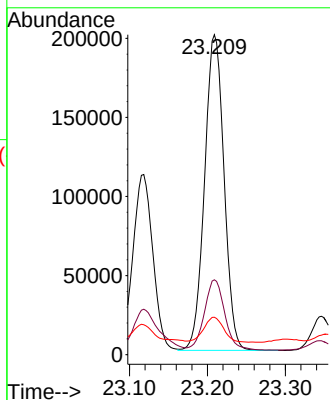
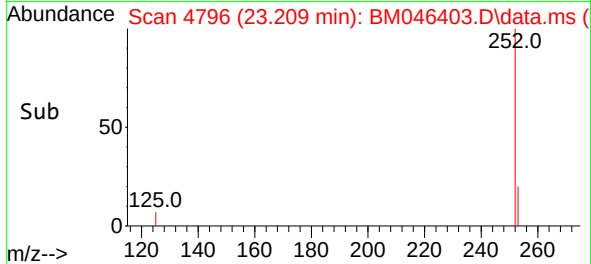
Instrument :
BNA_M
ClientSampleId :
A4CG2MS



Tgt Ion:252 Resp: 346350
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 11.7 8.1 12.1

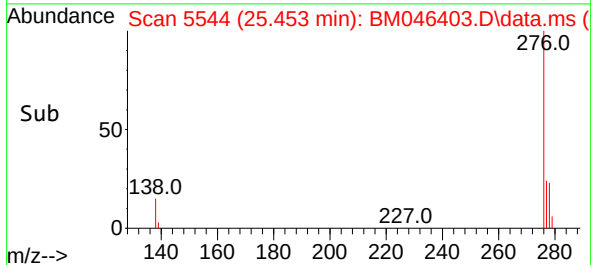
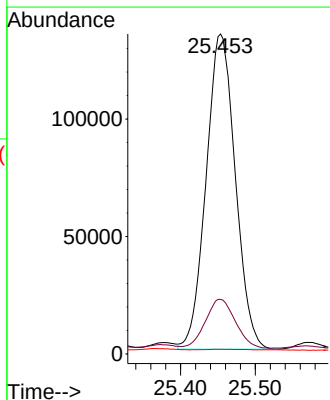
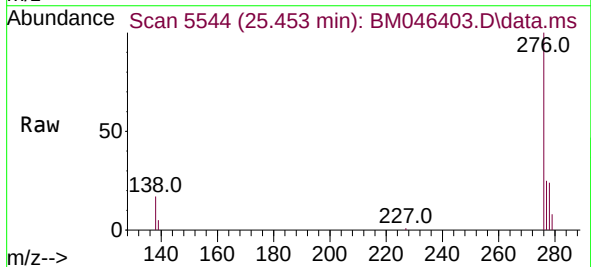
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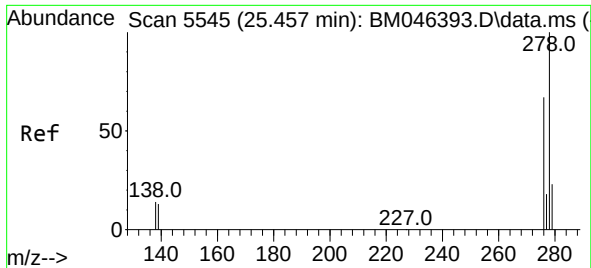
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.536 ng/ul
RT: 25.453 min Scan# 5544
Delta R.T. 0.006 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

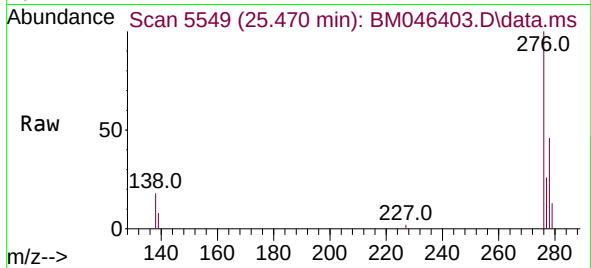
Tgt Ion:276 Resp: 364197
Ion Ratio Lower Upper
276 100
138 15.9 15.7 23.5
227 0.4 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 2.004 ng/ul
RT: 25.470 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

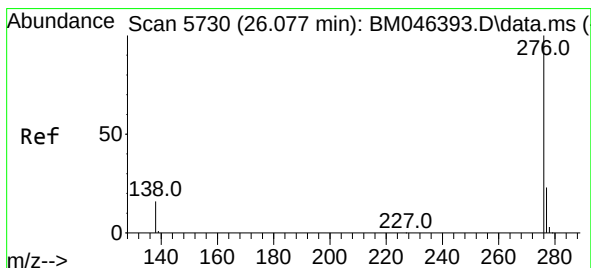
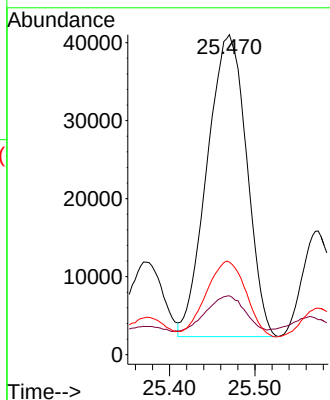
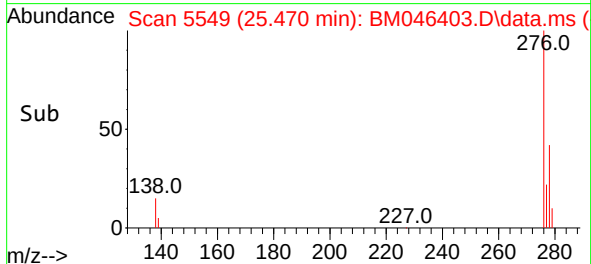
Instrument :
BNA_M
ClientSampleId :
A4CG2MS



Tgt Ion:278 Resp: 124462
Ion Ratio Lower Upper
278 100
139 18.4 12.6 18.8
279 29.0 20.7 31.1

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



#29
Benzo(g,h,i)perylene
Concen: 0.897 ng/ul
RT: 26.104 min Scan# 5738
Delta R.T. 0.013 min
Lab File: BM046403.D
Acq: 06 Jul 2024 04:50

Tgt Ion:276 Resp: 57405
Ion Ratio Lower Upper
276 100
138 25.6 15.4 23.0#
277 30.0 19.7 29.5#

