

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046640.D
 Acq On : 16 Jul 2024 19:27
 Operator : MA/JU
 Sample : P3177-08
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BS6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 00:39:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	2580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	7604	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.146	164	5398	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.900	188	12834	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	10014	0.400	ng/ul	# 0.00
23) Perylene-d12	23.247	264	10340	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	5310	2.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2607	0.213	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	6961	0.228	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.309	128	713	0.037	ng/ul#	75
7) 2-Methylnaphthalene	11.937	142	354	0.026	ng/ul	100
10) Acenaphthylene	13.864	152	1382	0.056	ng/ul#	84
11) Acenaphthene	14.206	153	582	0.035	ng/ul	98
12) Fluorene	15.200	166	815	0.040	ng/ul#	85
15) Phenanthrene	16.938	178	13327	0.364	ng/ul	99
16) Anthracene	17.031	178	3685	0.103	ng/ul#	91
19) Fluoranthene	18.969	202	34642	0.842	ng/ul	99
20) Pyrene	19.332	202	32839	0.737	ng/ul	98
21) Benzo(a)anthracene	21.090	228	16008	0.361	ng/ul	94
22) Chrysene	21.090	228	15879	0.370	ng/ul	96
24) Benzo(b)fluoranthene	22.615	252	21484m	0.520	ng/ul	
25) Benzo(k)fluoranthene	22.650	252	7988m	0.197	ng/ul	
26) Benzo(a)pyrene	23.156	252	13806	0.406	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.363	276	10750	0.208	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	2649	0.065	ng/ul#	24
29) Benzo(g,h,i)perylene	26.013	276	10760	0.261	ng/ul#	92

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

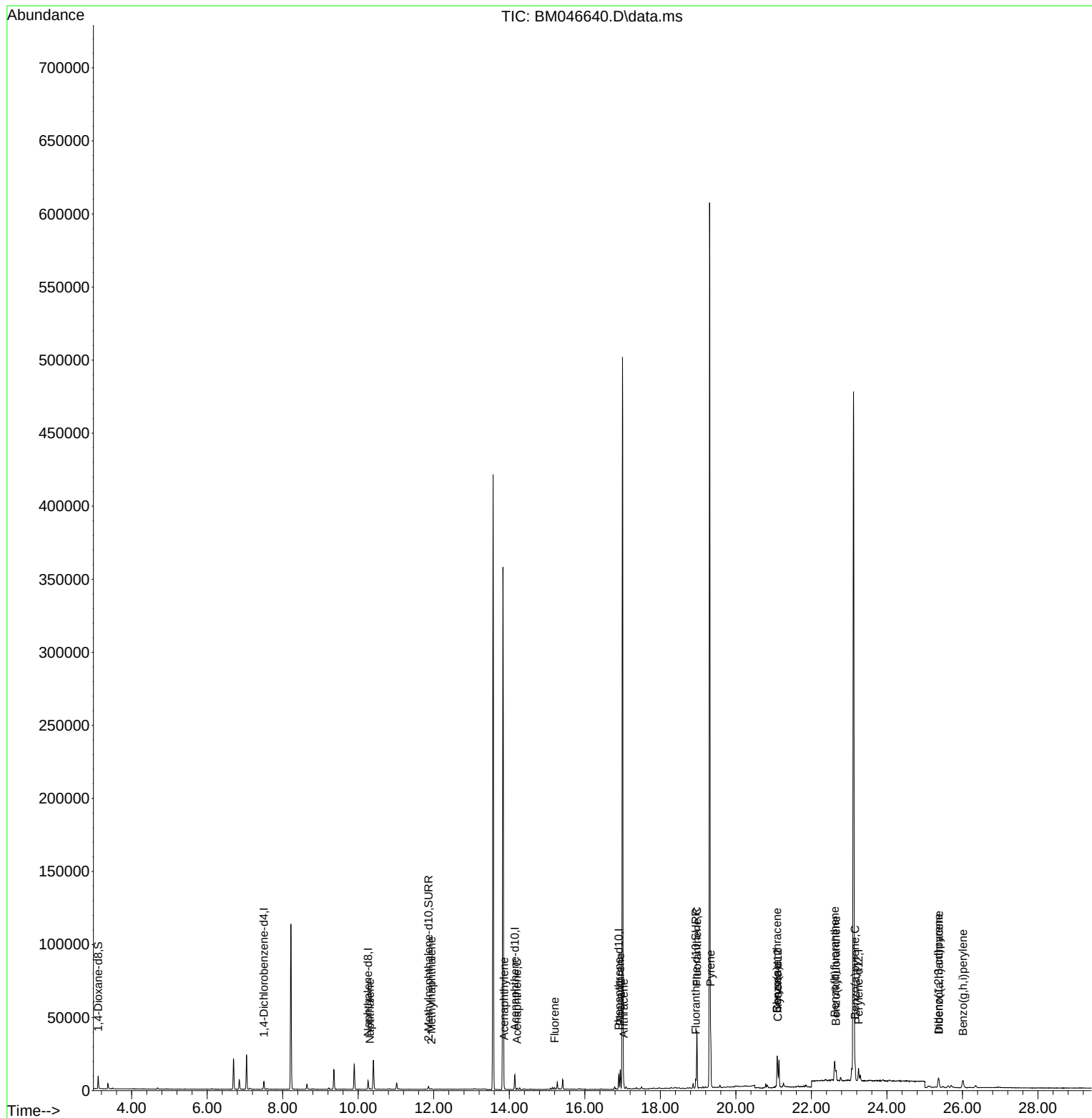
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046640.D
Acq On : 16 Jul 2024 19:27
Operator : MA/JU
Sample : P3177-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

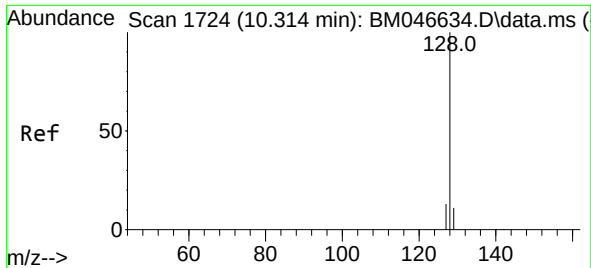
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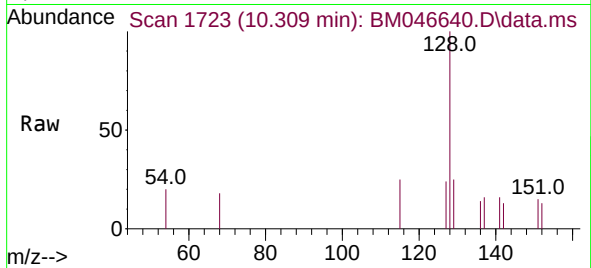
Quant Time: Jul 17 00:39:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.309 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

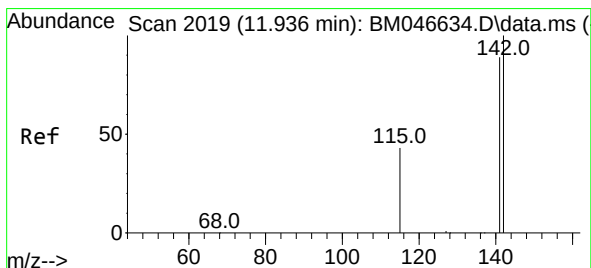
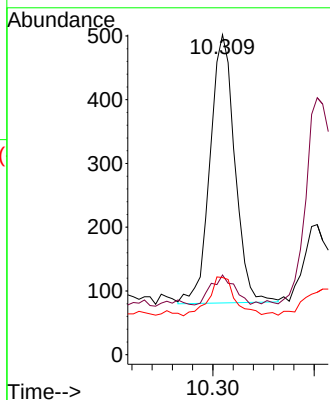
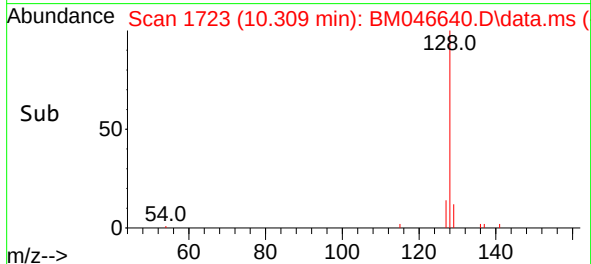
Instrument :
BNA_M
ClientSampleId :
A4BS6



Tgt Ion:128 Resp: 711
Ion Ratio Lower Upper
128 100
129 24.9 10.3 15.5
127 24.1 12.2 18.4

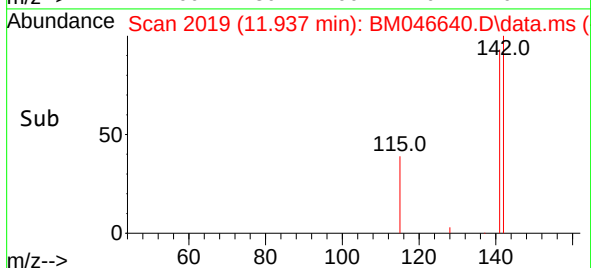
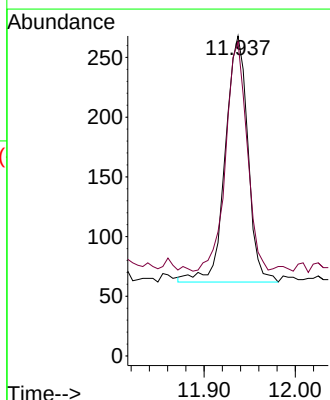
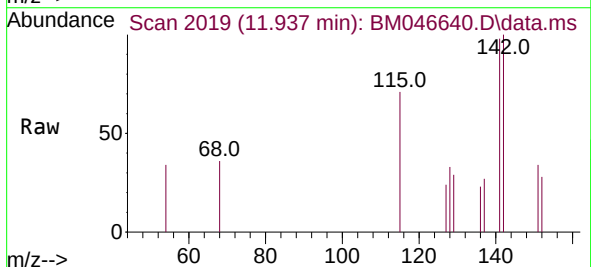
Manual Integrations
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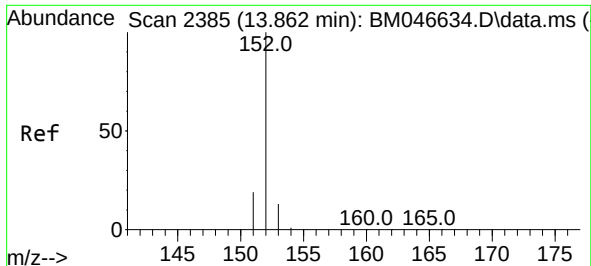
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

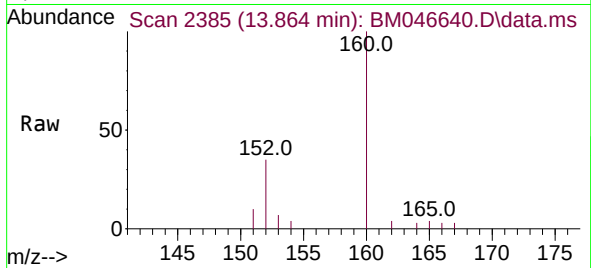
Tgt Ion:142 Resp: 354
Ion Ratio Lower Upper
142 100
141 88.1 70.3 105.5





#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.864 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

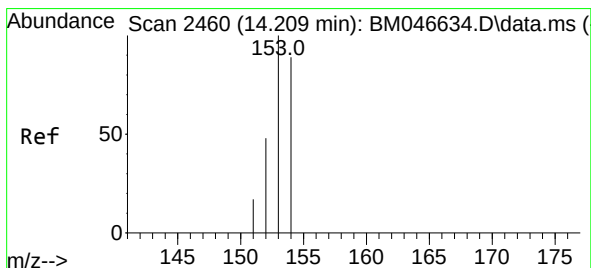
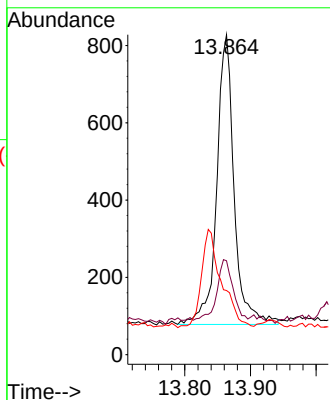
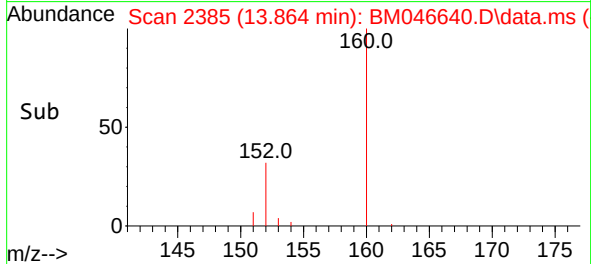
Instrument :
BNA_M
ClientSampleId :
A4BS6



Tgt Ion:152 Resp: 138
Ion Ratio Lower Upper
152 100
151 29.3 16.4 24.6
153 20.0 12.4 18.6

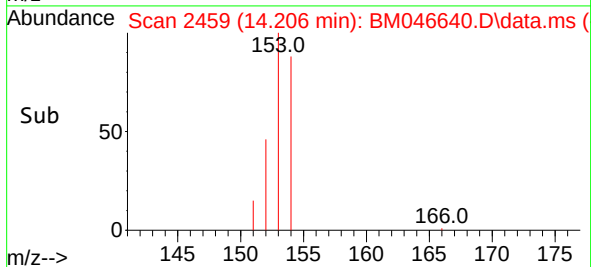
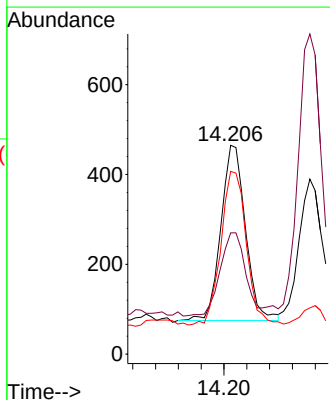
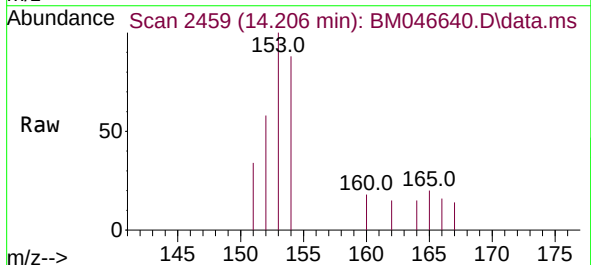
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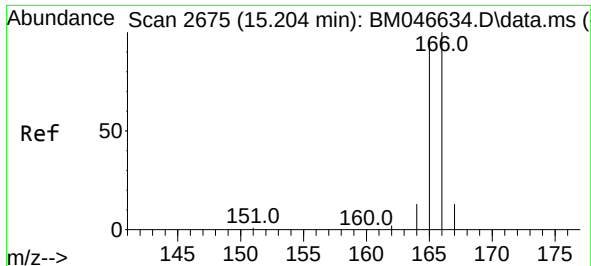
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.206 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

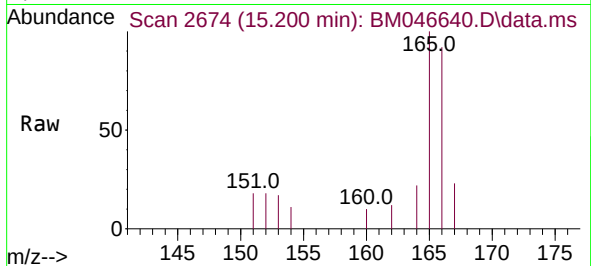
Tgt Ion:153 Resp: 582
Ion Ratio Lower Upper
153 100
152 58.1 43.0 64.6
154 87.5 69.9 104.9





#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.200 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

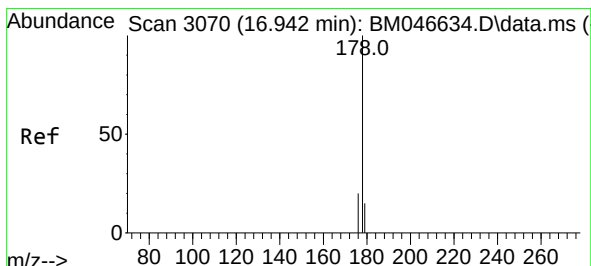
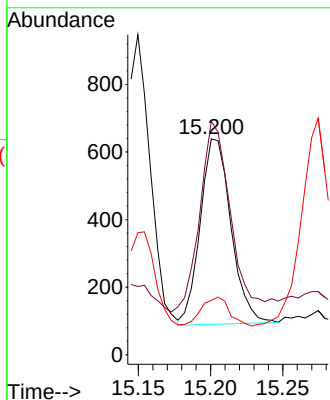
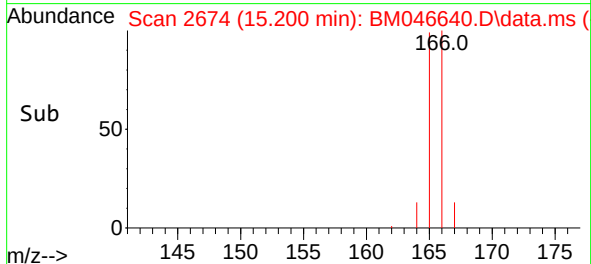
Instrument :
BNA_M
ClientSampleId :
A4BS6



Tgt Ion:166 Resp: 811
Ion Ratio Lower Upper
166 100
165 108.1 76.1 114.1
167 25.2 12.5 18.7

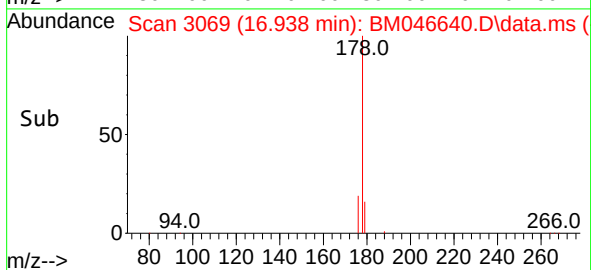
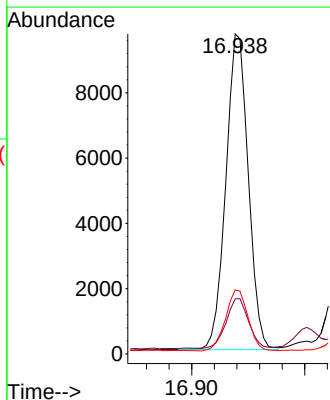
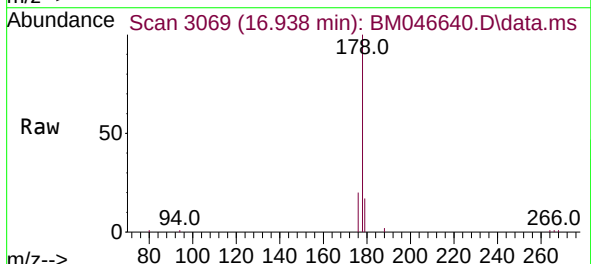
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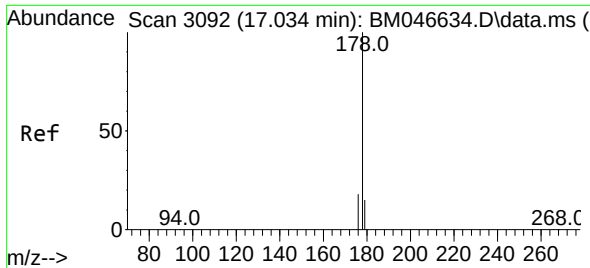
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 16.938 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

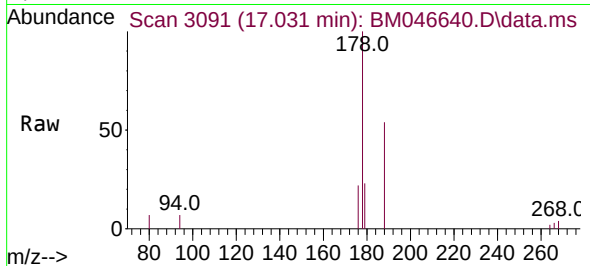
Tgt Ion:178 Resp: 13327
Ion Ratio Lower Upper
178 100
179 17.2 13.1 19.7
176 20.0 16.0 24.0





#16
 Anthracene
 Concen: 0.103 ng/ul
 RT: 17.031 min Scan# 3091
 Delta R.T. -0.001 min
 Lab File: BM046640.D
 Acq: 16 Jul 2024 19:27

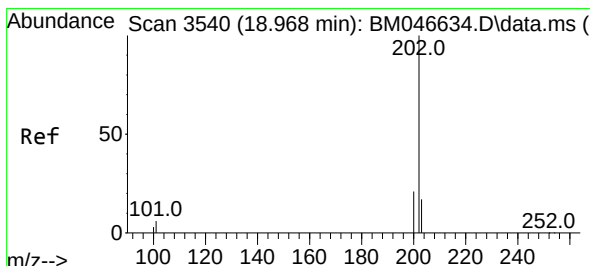
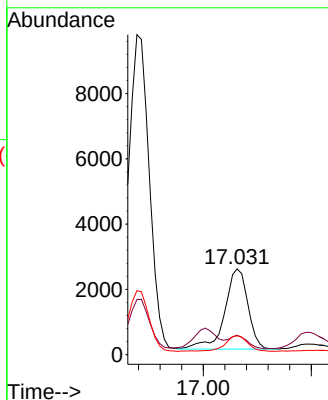
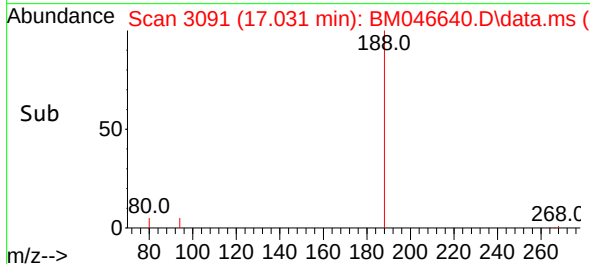
Instrument :
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 ClientSampleId :
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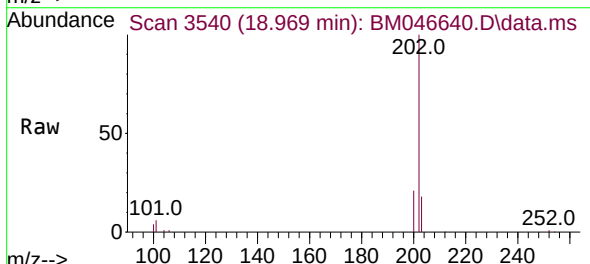
Tgt Ion:178 Resp: 3685
 Ion Ratio Lower Upper
 178 100
 179 22.7 13.5 20.3
 176 22.0 15.7 23.5

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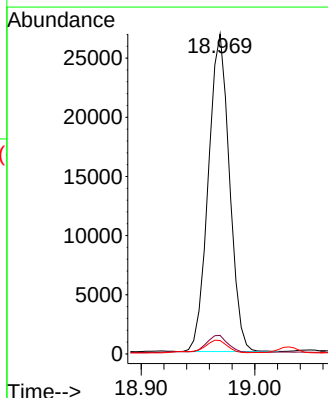
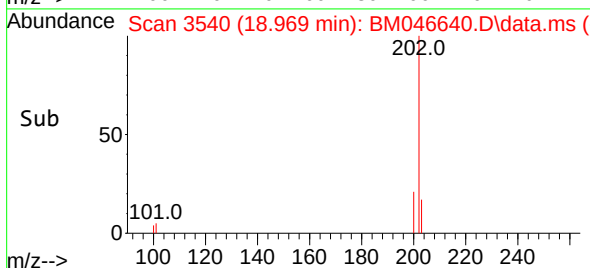
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

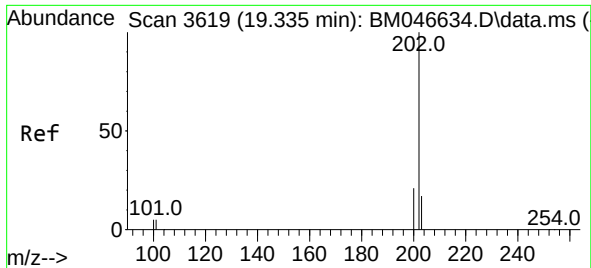


#19
 Fluoranthene
 Concen: 0.842 ng/ul
 RT: 18.969 min Scan# 3540
 Delta R.T. -0.001 min
 Lab File: BM046640.D
 Acq: 16 Jul 2024 19:27



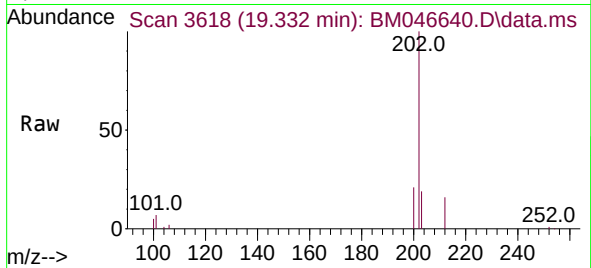
Tgt Ion:202 Resp: 34642
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.6 6.8
 100 4.2 3.0 4.6





#20
Pyrene
Concen: 0.737 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.001 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

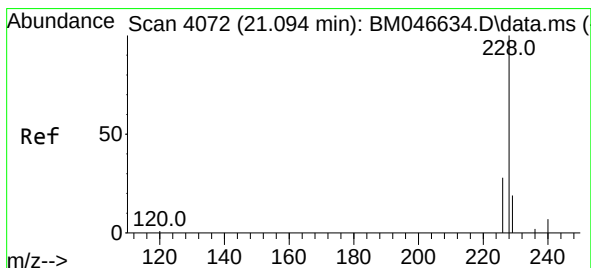
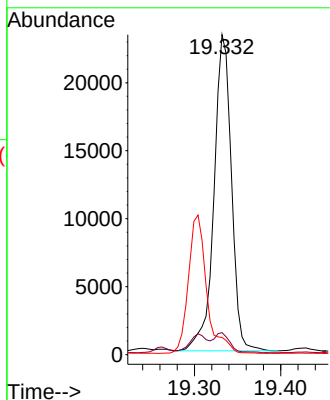
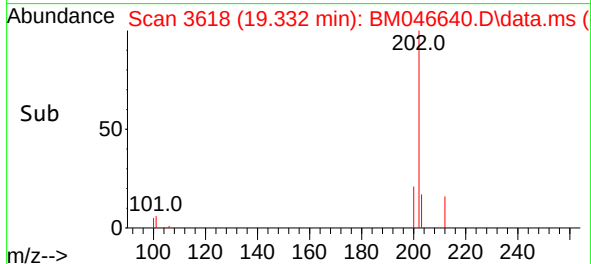
Instrument :
BNA_M
ClientSampleId :
A4BS6



Tgt Ion:202 Resp: 32839
Ion Ratio Lower Upper
202 100
101 6.9 5.1 7.7
100 5.4 3.8 5.6

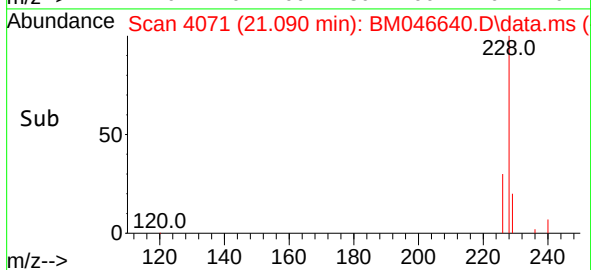
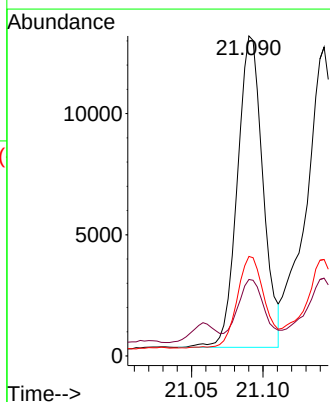
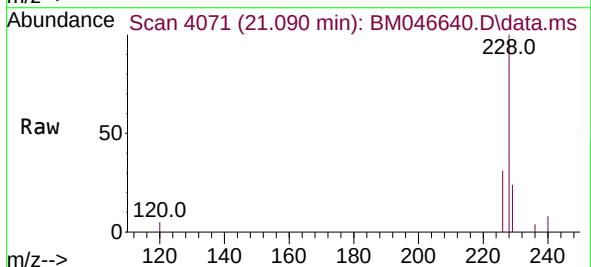
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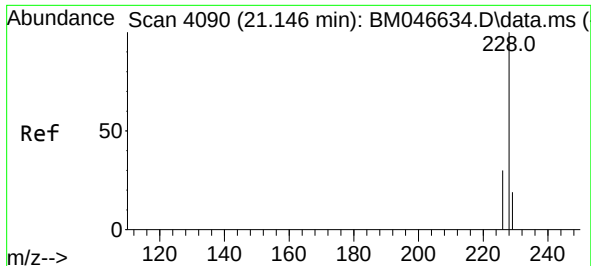
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.002 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

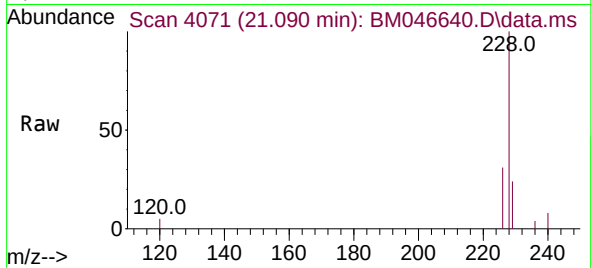
Tgt Ion:228 Resp: 16008
Ion Ratio Lower Upper
228 100
229 23.9 16.5 24.7
226 31.1 22.5 33.7





#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.090 min Scan# 4090
Delta R.T. -0.050 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

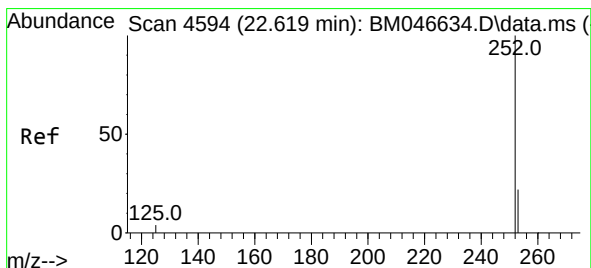
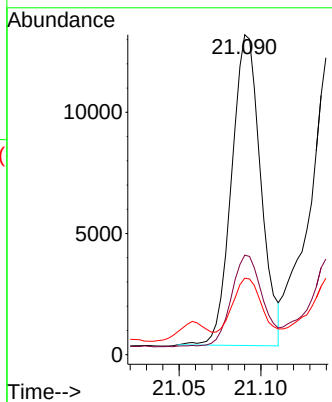
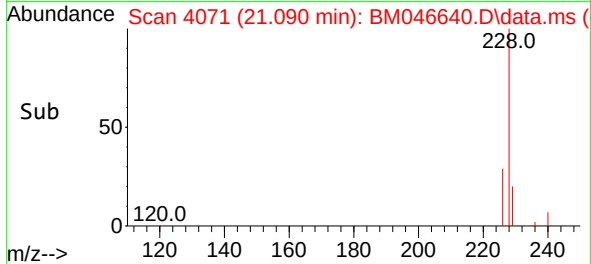
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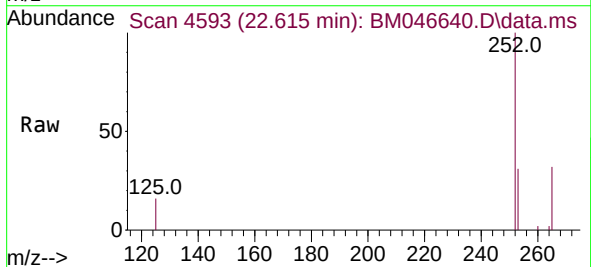
Tgt Ion:228 Resp: 15879
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 23.9 16.4 24.6

Manual Integrations
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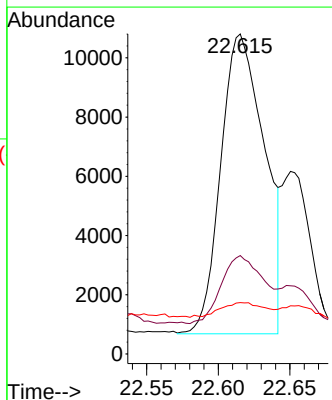
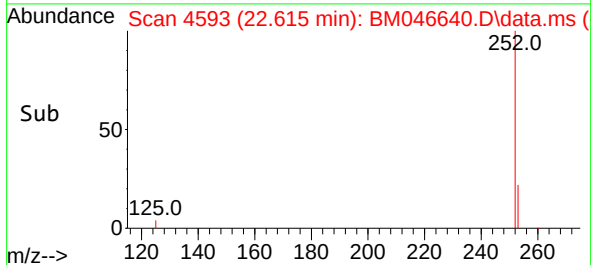
Reviewed By :Yogesh Patel 07/18/2024
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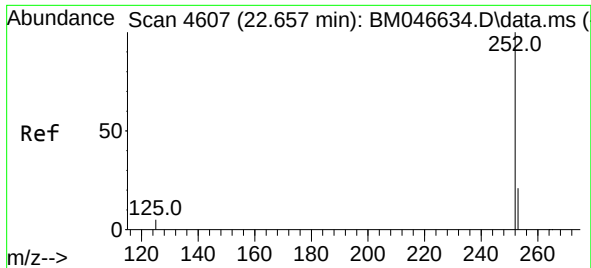


#24
Benzo(b)fluoranthene
Concen: 0.520 ng/ul m
RT: 22.615 min Scan# 4593
Delta R.T. 0.005 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27



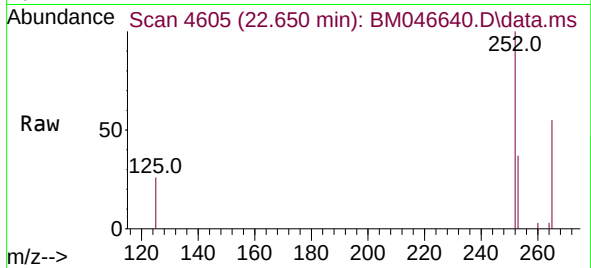
Tgt Ion:252 Resp: 21484
Ion Ratio Lower Upper
252 100
253 30.8 0.0 56.2
125 16.1 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.197 ng/ul m
RT: 22.650 min Scan# 4605
Delta R.T. -0.001 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

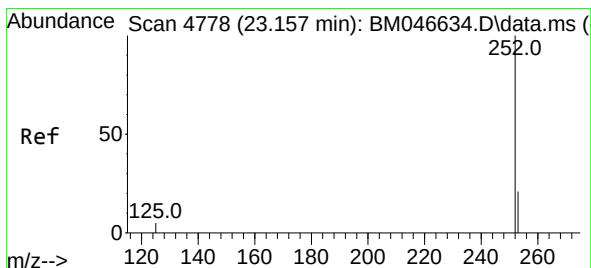
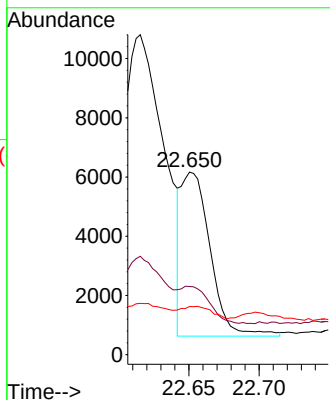
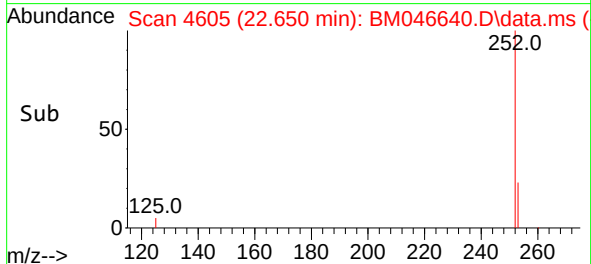
Instrument :
BNA_M
ClientSampleId :
A4BS6



Tgt Ion:252 Resp: 7988
Ion Ratio Lower Upper
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253 37.3 22.4 33.6
125 26.4 7.0 10.4

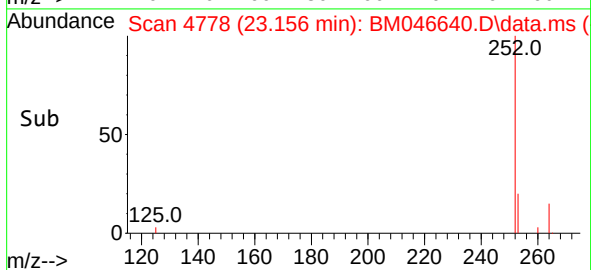
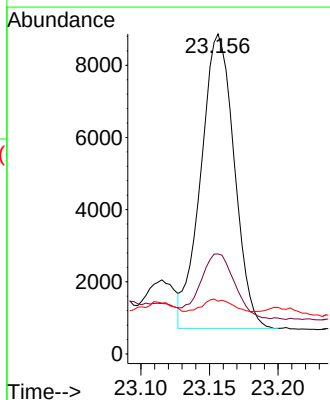
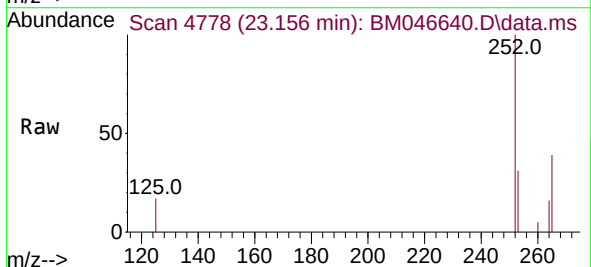
Manual Integrations
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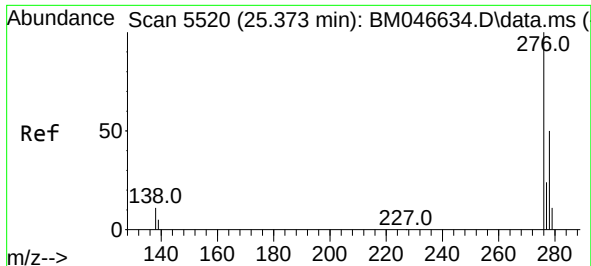
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.156 min Scan# 4778
Delta R.T. 0.005 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

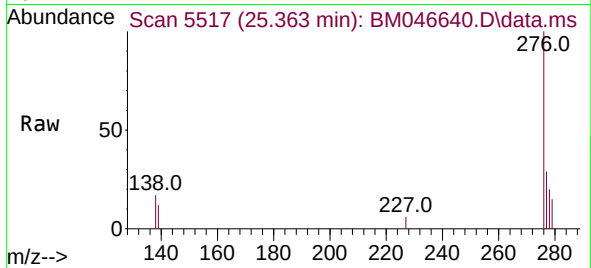
Tgt Ion:252 Resp: 13806
Ion Ratio Lower Upper
252 100
253 31.3 24.0 36.0
125 16.5 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/ul
RT: 25.363 min Scan# 5517
Delta R.T. 0.003 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

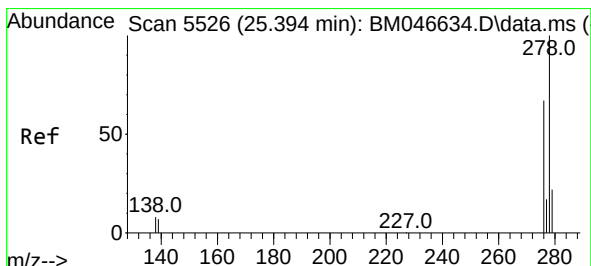
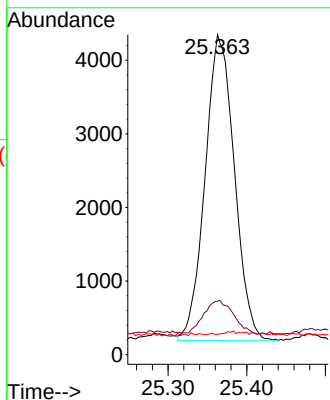
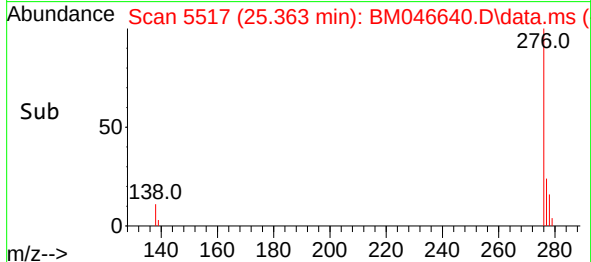
Instrument :
BNA_M
ClientSampleId :
A4BS6



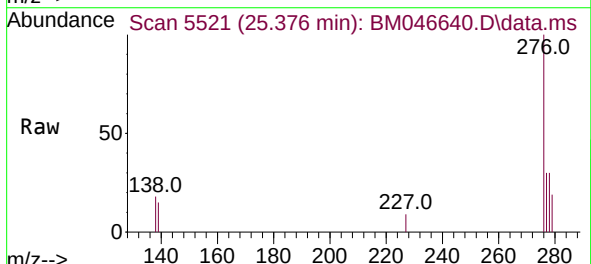
Tgt Ion: 276 Resp: 10750
Ion Ratio Lower Upper
276 100
138 11.2 0.0 0.0#
227 0.1 0.2 0.2#

Manual Integrations
APPROVED

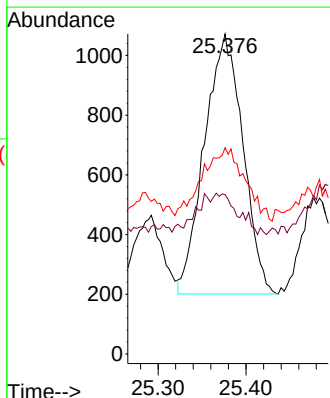
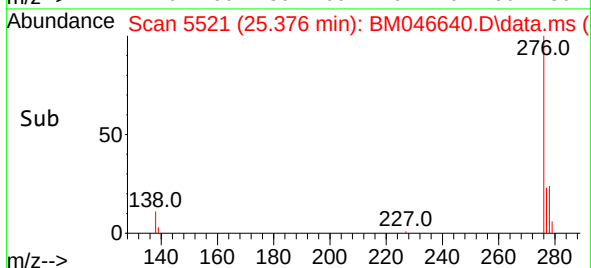
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

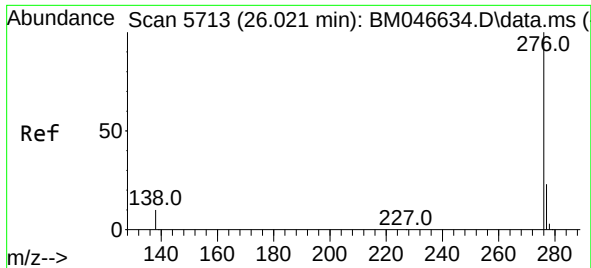


#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.376 min Scan# 5521
Delta R.T. -0.007 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27



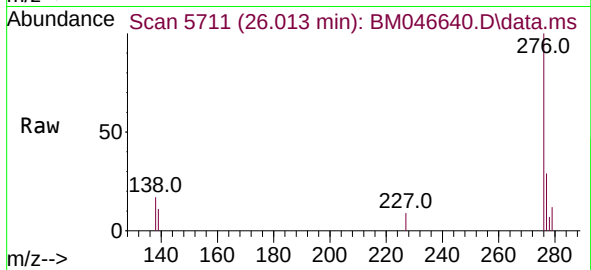
Tgt Ion: 278 Resp: 2649
Ion Ratio Lower Upper
278 100
139 49.8 9.1 13.7#
279 64.5 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.261 ng/ul
RT: 26.013 min Scan# 5711
Delta R.T. 0.010 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Instrument :
BNA_M
ClientSampleId :
A4BS6



Tgt Ion:276 Resp: 10760
Ion Ratio Lower Upper
276 100
138 17.3 10.2 15.4
277 29.4 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

