

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046603.D
 Acq On : 15 Jul 2024 19:28
 Operator : MA/JU
 Sample : P3087-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BR0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 16 00:24:51 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	7.506	152	3165	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	9103	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.151	164	6266	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	14403m	0.400	ng/ul	0.00
17) Chrysene-d12	21.108	240	11016	0.400	ng/ul #	0.00
23) Perylene-d12	23.250	264	10542m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	9513	3.658	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	5661	0.386	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	15519	0.463	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.310	128	1523	0.066	ng/ul#	90
7) 2-Methylnaphthalene	11.943	142	572	0.035	ng/ul	97
10) Acenaphthylene	13.864	152	2381	0.083	ng/ul	92
11) Acenaphthene	14.211	153	518	0.027	ng/ul	96
12) Fluorene	15.205	166	955	0.040	ng/ul#	86
15) Phenanthrene	16.943	178	16420	0.400	ng/ul	99
16) Anthracene	17.036	178	3908	0.097	ng/ul#	91
19) Fluoranthene	18.970	202	50322	1.112	ng/ul	99
20) Pyrene	19.337	202	49701m	1.015	ng/ul	
21) Benzo(a)anthracene	21.093	228	21330	0.438	ng/ul#	92
22) Chrysene	21.143	228	23026	0.488	ng/ul#	92
24) Benzo(b)fluoranthene	22.616	252	27977m	0.664	ng/ul	
25) Benzo(k)fluoranthene	22.654	252	9482m	0.229	ng/ul	
26) Benzo(a)pyrene	23.159	252	17215	0.497	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.366	276	13671	0.259	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.380	278	3487	0.084	ng/ul#	35
29) Benzo(g,h,i)perylene	26.014	276	13625	0.324	ng/ul#	97

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

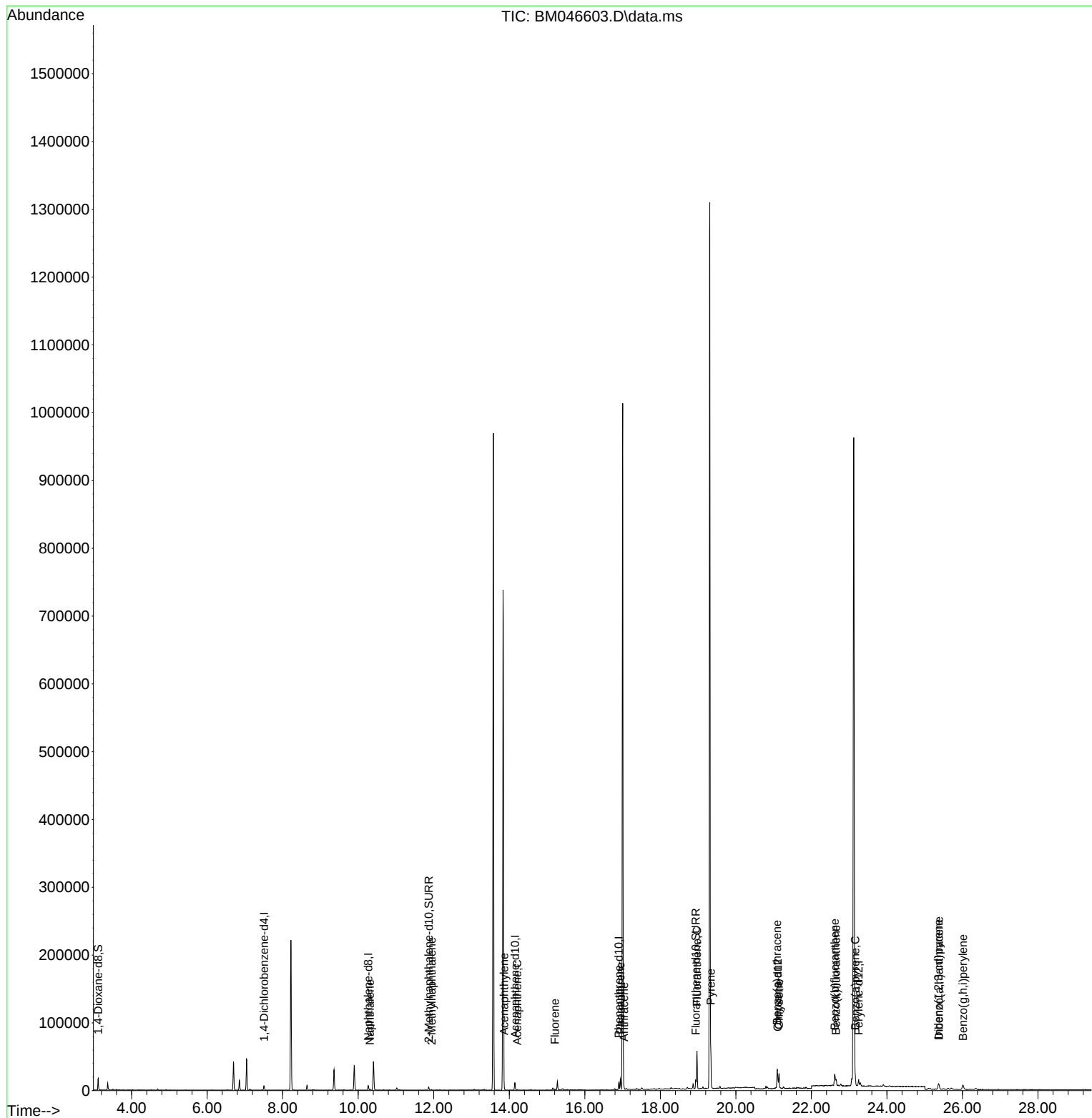
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046603.D
Acq On : 15 Jul 2024 19:28
Operator : MA/JU
Sample : P3087-15
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ALS Vial : 13 Sample Multiplier: 1

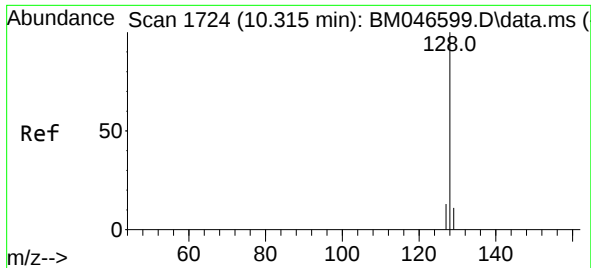
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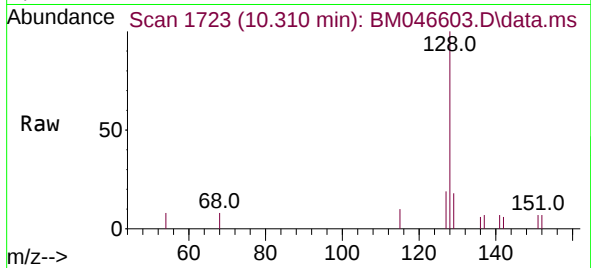
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.310 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

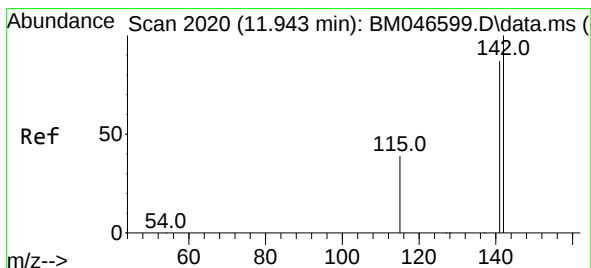
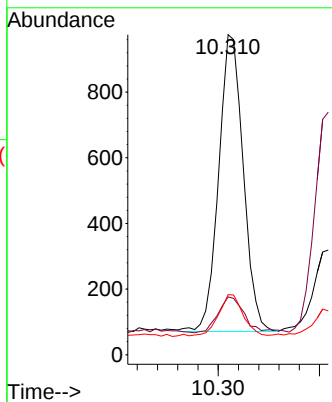
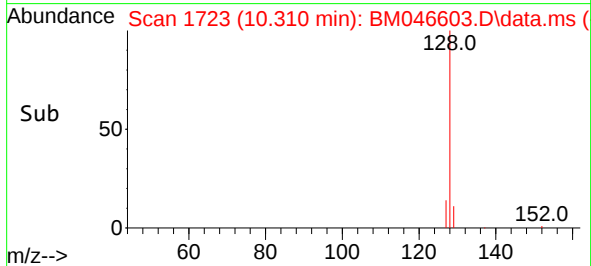
Instrument :
BNA_M
ClientSampleId :
A4BR0



Tgt Ion:128 Resp: 152
Ion Ratio Lower Upper
128 100
129 18.1 10.3 15.5
127 18.8 12.2 18.4

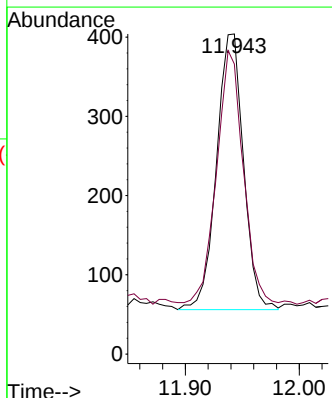
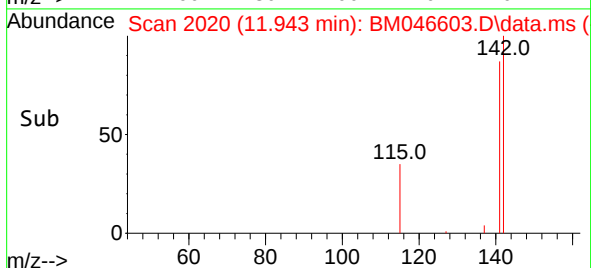
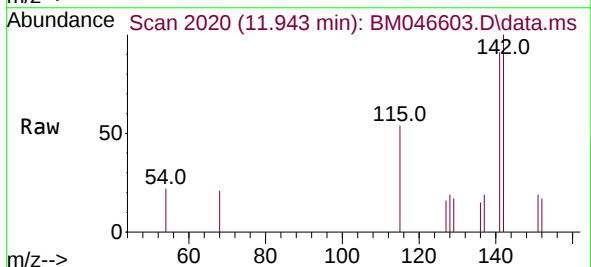
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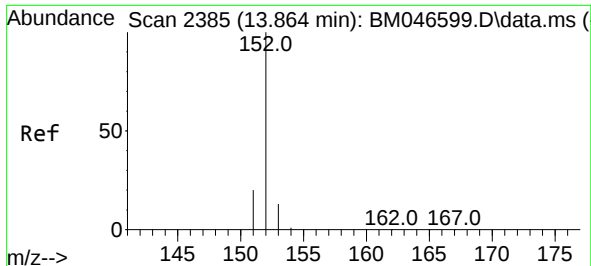
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.943 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

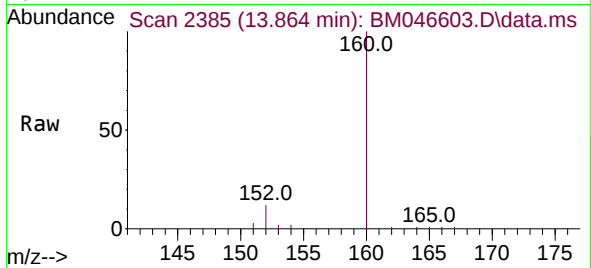
Tgt Ion:142 Resp: 572
Ion Ratio Lower Upper
142 100
141 91.1 70.3 105.5





#10
Acenaphthylene
Concen: 0.083 ng/u1
RT: 13.864 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

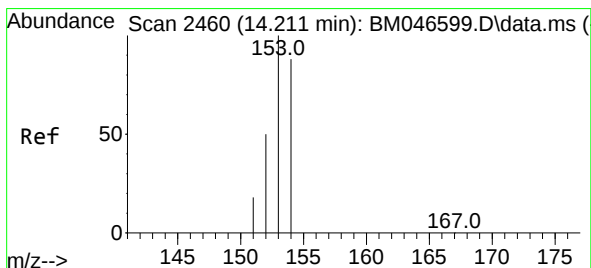
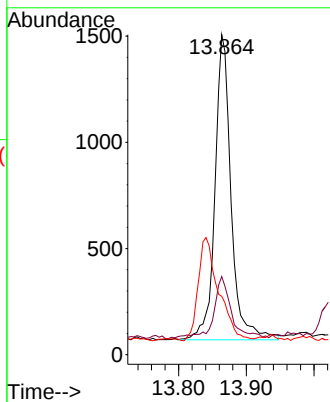
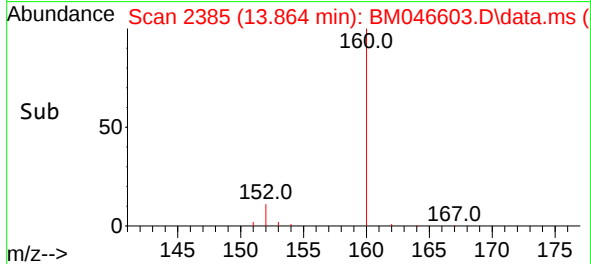
Instrument :
BNA_M
ClientSampleId :
A4BR0



Tgt Ion:152 Resp: 238
Ion Ratio Lower Upper
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151 24.4 16.4 24.6
153 18.2 12.4 18.6

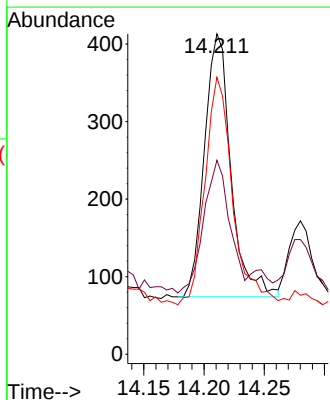
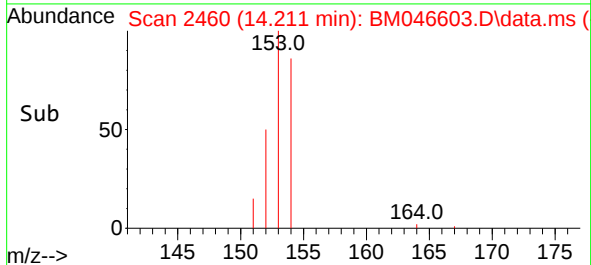
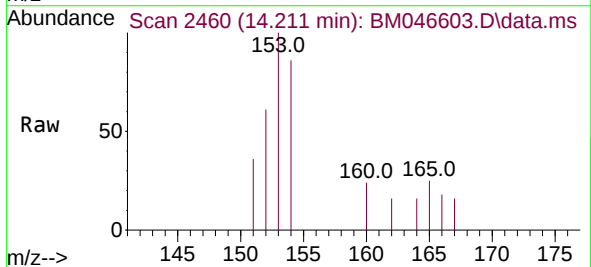
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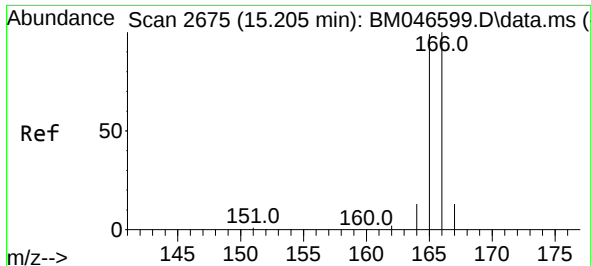
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

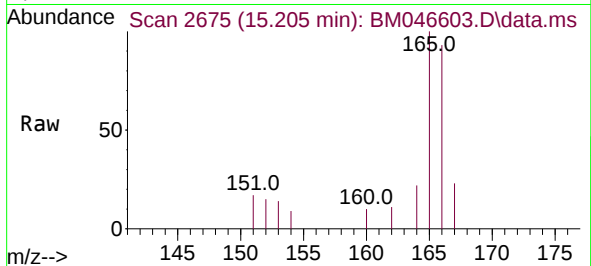
Tgt Ion:153 Resp: 518
Ion Ratio Lower Upper
153 100
152 60.5 43.0 64.6
154 86.4 69.9 104.9





#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.205 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

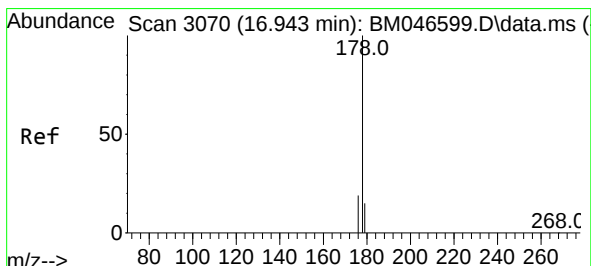
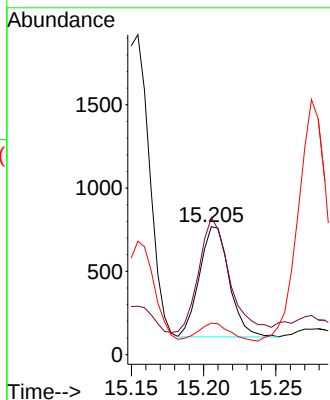
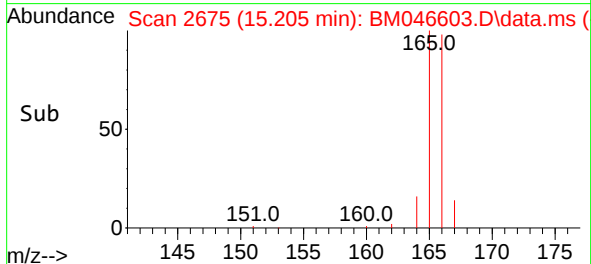
Instrument :
BNA_M
ClientSampleId :
A4BR0



Tgt Ion:166 Resp: 95
Ion Ratio Lower Upper
166 100
165 107.2 76.1 114.1
167 24.6 12.5 18.7

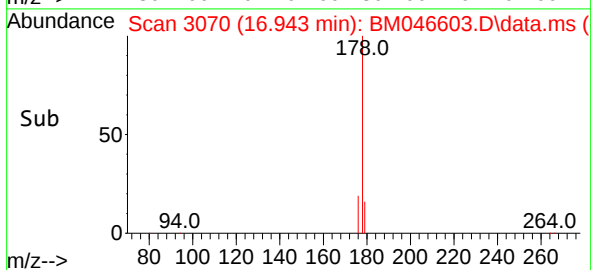
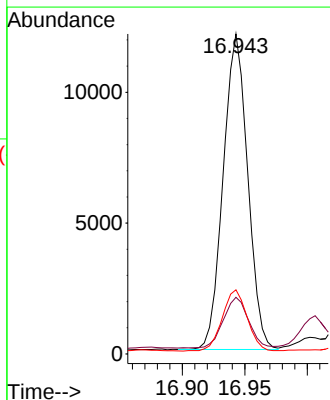
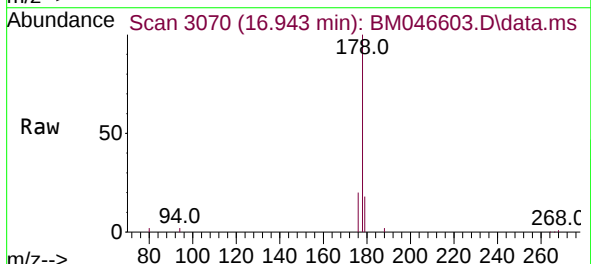
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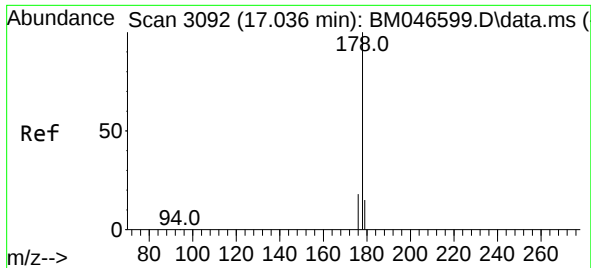
Reviewed By :Yogesh Patel 07/16/2024
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#15
Phenanthrene
Concen: 0.400 ng/ul
RT: 16.943 min Scan# 3070
Delta R.T. -0.000 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

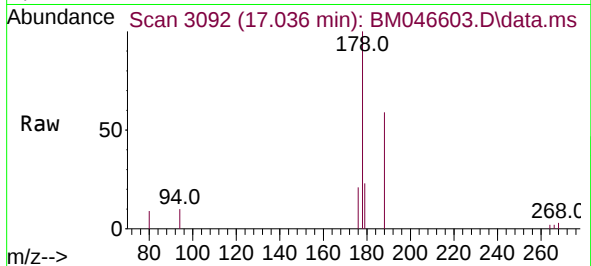
Tgt Ion:178 Resp: 16420
Ion Ratio Lower Upper
178 100
179 17.7 13.1 19.7
176 20.1 16.0 24.0





#16
 Anthracene
 Concen: 0.097 ng/ul
 RT: 17.036 min Scan# 3092
 Delta R.T. 0.004 min
 Lab File: BM046603.D
 Acq: 15 Jul 2024 19:28

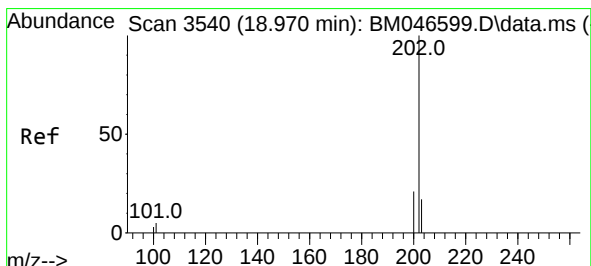
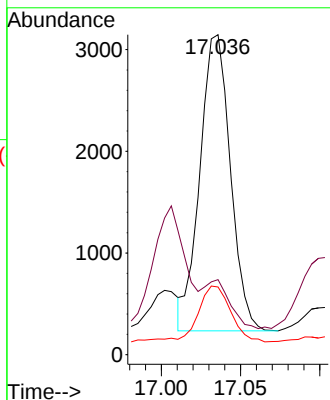
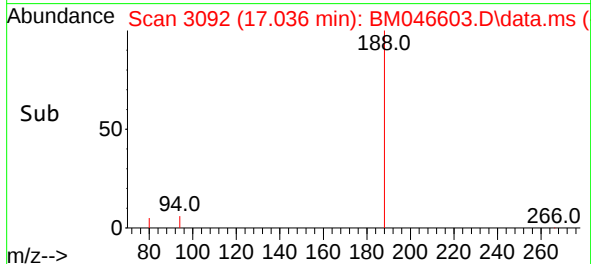
Instrument :
 BNA_M
 ClientSampleId :
 A4BR0



Tgt Ion:178 Resp: 3908
 Ion Ratio Lower Upper
 178 100
 179 23.5 13.5 20.3
 176 21.2 15.7 23.5

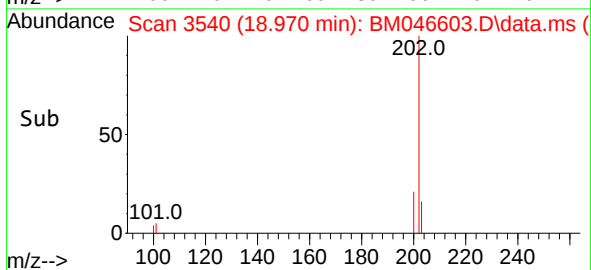
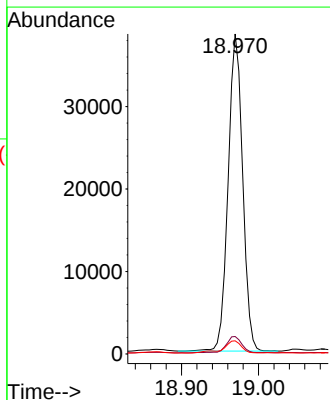
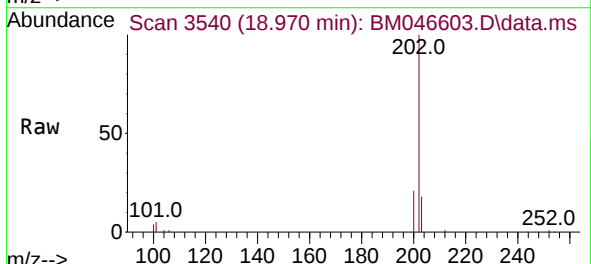
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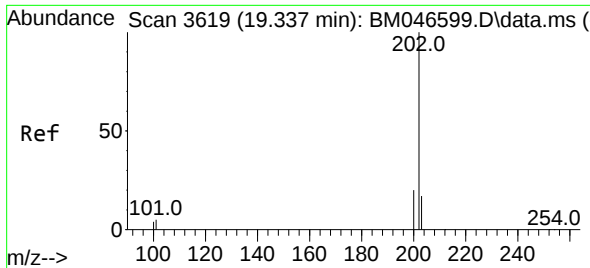
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024



#19
 Fluoranthene
 Concen: 1.112 ng/ul
 RT: 18.970 min Scan# 3540
 Delta R.T. -0.000 min
 Lab File: BM046603.D
 Acq: 15 Jul 2024 19:28

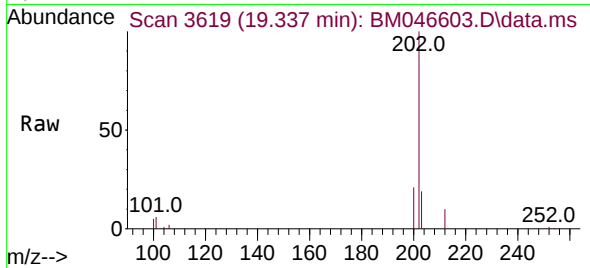
Tgt Ion:202 Resp: 50322
 Ion Ratio Lower Upper
 202 100
 101 5.4 4.6 6.8
 100 4.1 3.0 4.6





#20
Pyrene
Concen: 1.015 ng/ul m
RT: 19.337 min Scan# 30
Delta R.T. 0.004 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

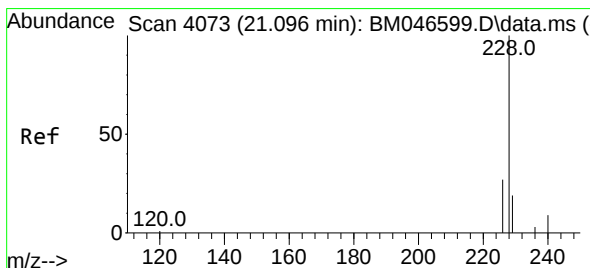
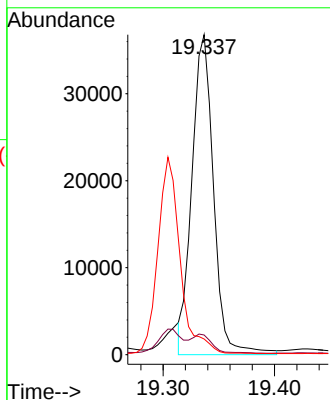
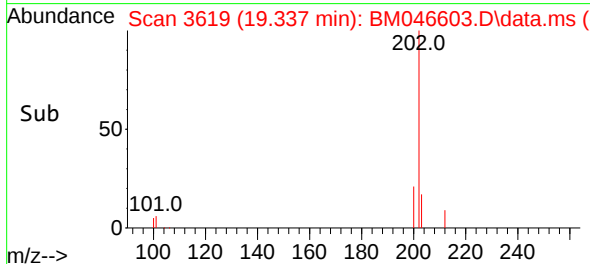
Instrument :
BNA_M
ClientSampleId :
A4BR0



Tgt Ion:202 Resp: 4970
Ion Ratio Lower Upper
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101 6.2 5.1 7.7
100 4.9 3.8 5.6

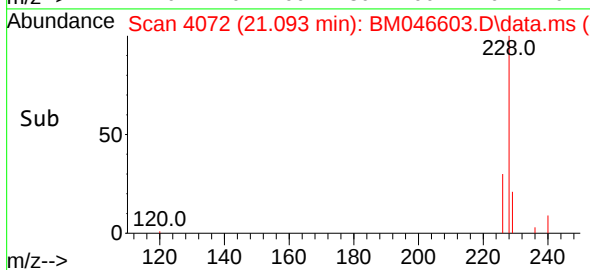
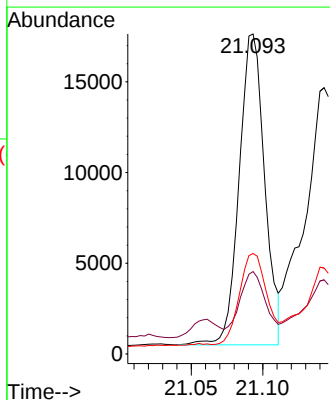
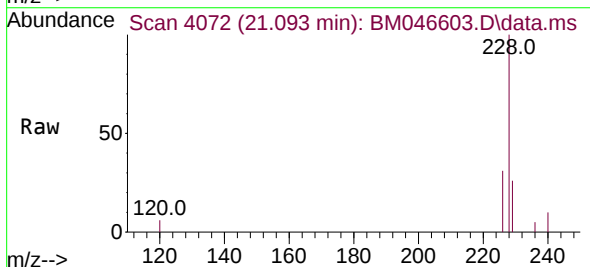
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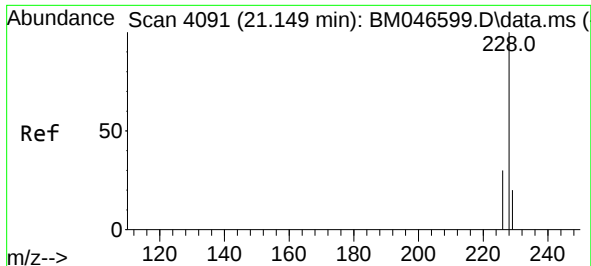
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#21
Benzo(a)anthracene
Concen: 0.438 ng/ul
RT: 21.093 min Scan# 4072
Delta R.T. 0.006 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

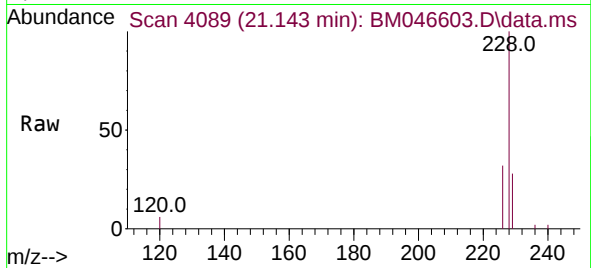
Tgt Ion:228 Resp: 21330
Ion Ratio Lower Upper
228 100
229 25.8 16.5 24.7#
226 31.4 22.5 33.7





#22
Chrysene
Concen: 0.488 ng/ul
RT: 21.143 min Scan# 4091
Delta R.T. 0.003 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

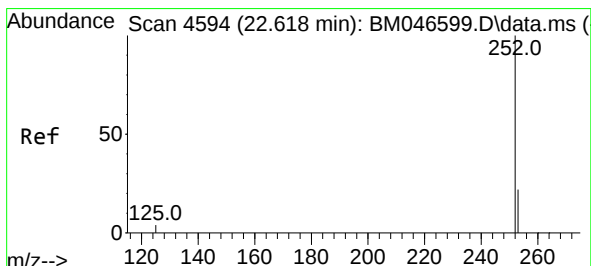
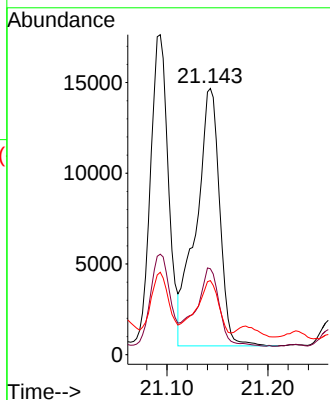
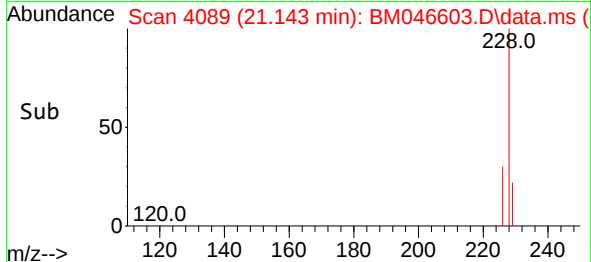
Instrument :
BNA_M
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A4BR0



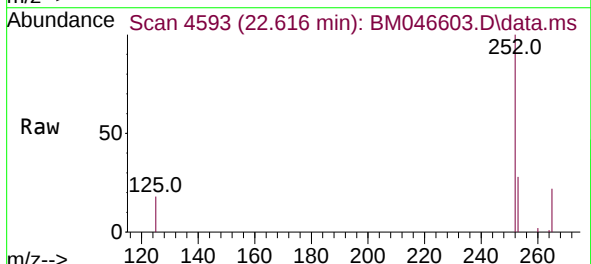
Tgt Ion:228 Resp: 23020
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 27.8 16.4 24.6

Manual Integrations
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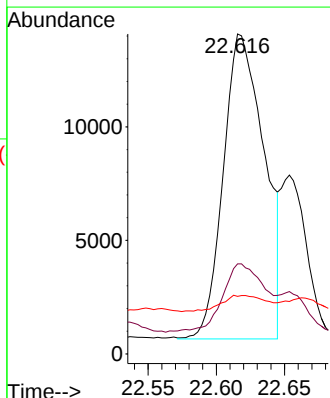
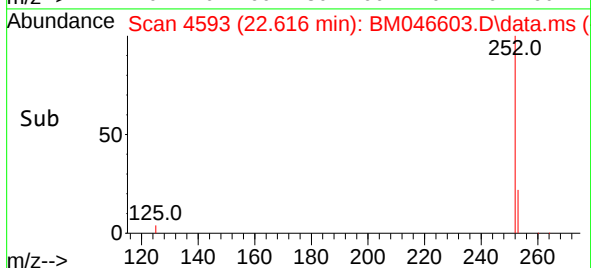
Reviewed By :Yogesh Patel 07/16/2024
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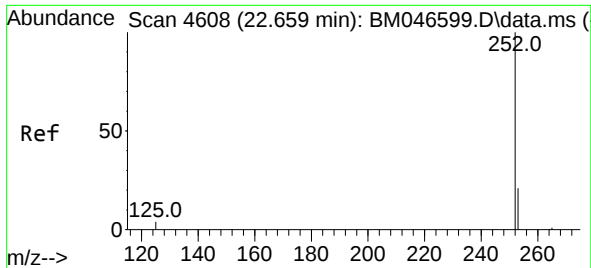


#24
Benzo(b)fluoranthene
Concen: 0.664 ng/ul m
RT: 22.616 min Scan# 4593
Delta R.T. 0.006 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28



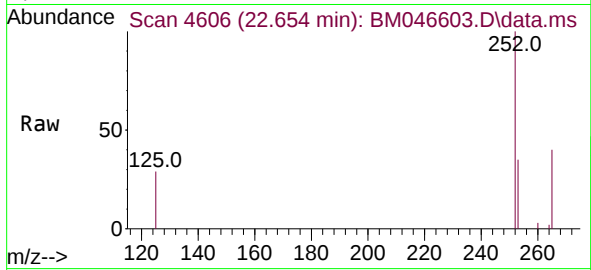
Tgt Ion:252 Resp: 27977
Ion Ratio Lower Upper
252 100
253 28.1 0.0 56.2
125 18.0 0.0 17.8





#25
Benzo(k)fluoranthene
Concen: 0.229 ng/ul m
RT: 22.654 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

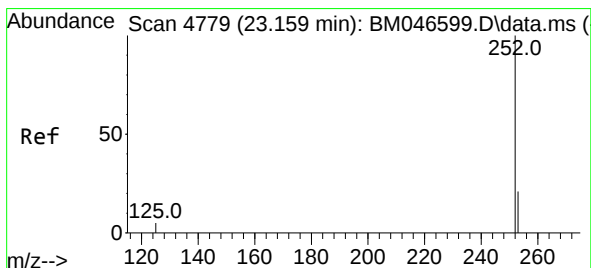
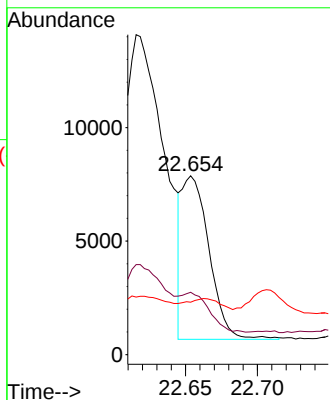
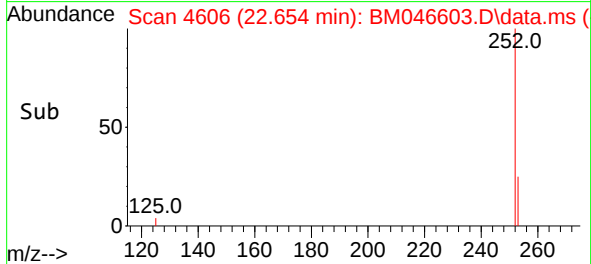
Instrument :
BNA_M
ClientSampleId :
A4BR0



Tgt Ion:252 Resp: 948
Ion Ratio Lower Upper
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125 29.3 7.0 10.4

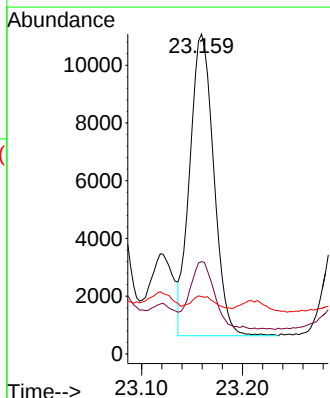
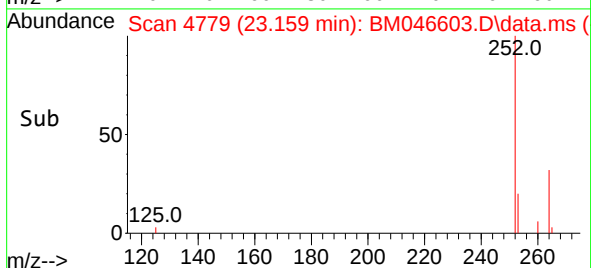
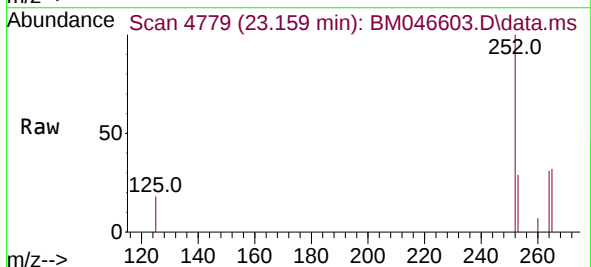
Manual Integrations
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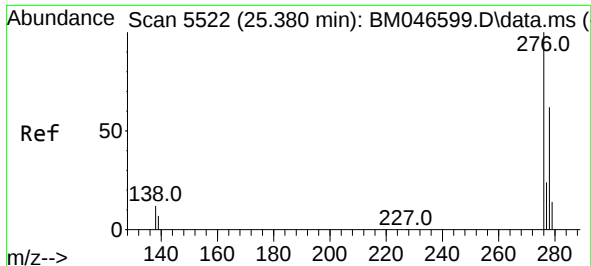
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#26
Benzo(a)pyrene
Concen: 0.497 ng/ul
RT: 23.159 min Scan# 4779
Delta R.T. 0.008 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

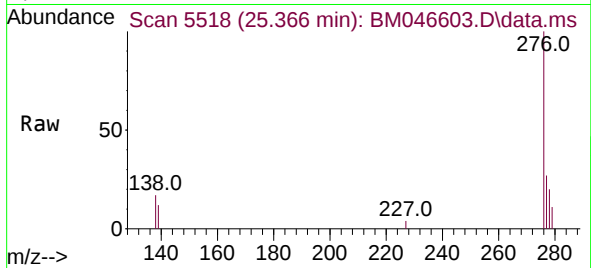
Tgt Ion:252 Resp: 17215
Ion Ratio Lower Upper
252 100
253 28.8 24.0 36.0
125 17.9 8.2 12.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.259 ng/ul
RT: 25.366 min Scan# 5518
Delta R.T. 0.006 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

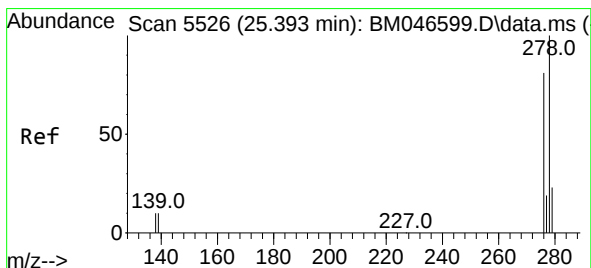
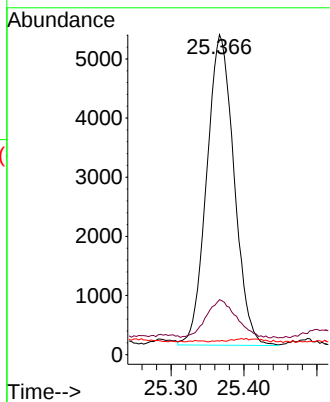
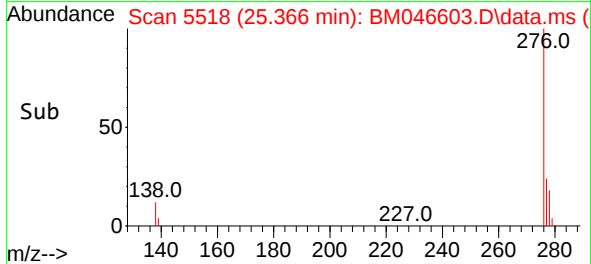
Instrument :
BNA_M
ClientSampleId :
A4BR0



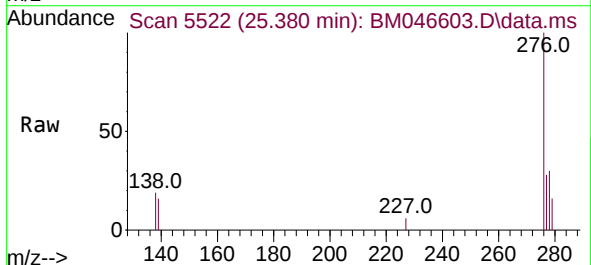
Tgt Ion: 276 Resp: 1367
Ion Ratio Lower Upper
276 100
138 13.6 0.0 0.0#
227 0.2 0.2 0.2

Manual Integrations
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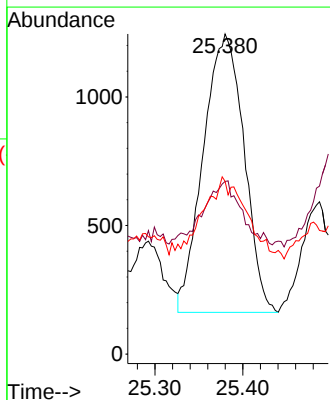
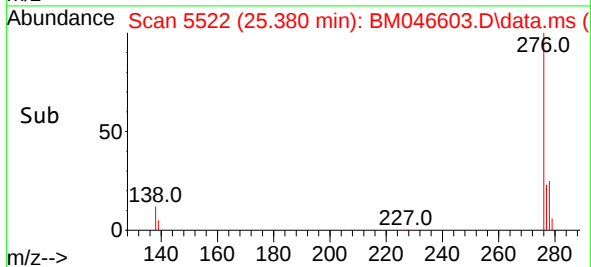
Reviewed By : Yogesh Patel 07/16/2024
Supervised By : mohammad ahmed 07/18/2024

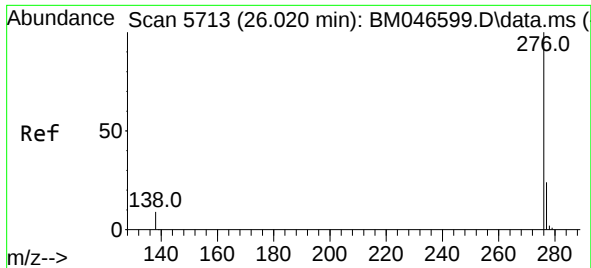


#28
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 25.380 min Scan# 5522
Delta R.T. -0.004 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28



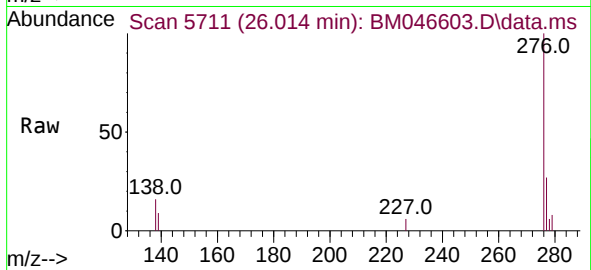
Tgt Ion: 278 Resp: 3487
Ion Ratio Lower Upper
278 100
139 53.9 9.1 13.7#
279 54.0 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.324 ng/ul
RT: 26.014 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM046603.D
Acq: 15 Jul 2024 19:28

Instrument :
BNA_M
ClientSampleId :
A4BR0



Tgt Ion:276 Resp: 13629
Ion Ratio Lower Upper
276 100
138 15.9 10.2 15.4
277 26.8 20.9 31.3

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Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

