

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046609.D
 Acq On : 15 Jul 2024 23:09
 Operator : MA/JU
 Sample : P3087-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BR4

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 00:25:52 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	2192	0.400	ng/ul	0.00
4) Naphthalene-d8	10.260	136	5936	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.146	164	4160	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.896	188	9446m	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	7913	0.400	ng/ul	# 0.00
23) Perylene-d12	23.244	264	7880m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	7232	4.016	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	2803	0.293	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	6901	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.310	128	828	0.055	ng/ul#	80
7) 2-Methylnaphthalene	11.937	142	332	0.031	ng/ul	90
10) Acenaphthylene	13.864	152	1592	0.084	ng/ul#	89
11) Acenaphthene	14.211	153	264	0.021	ng/ul	95
12) Fluorene	15.205	166	543	0.035	ng/ul#	92
15) Phenanthrene	16.939	178	7930	0.294	ng/ul	96
16) Anthracene	17.031	178	2239	0.085	ng/ul#	86
19) Fluoranthene	18.970	202	19502	0.600	ng/ul	99
20) Pyrene	19.332	202	20384	0.579	ng/ul	99
21) Benzo(a)anthracene	21.087	228	10486	0.300	ng/ul#	90
22) Chrysene	21.140	228	12339	0.364	ng/ul#	92
24) Benzo(b)fluoranthene	22.610	252	15720m	0.499	ng/ul	
25) Benzo(k)fluoranthene	22.651	252	5780m	0.187	ng/ul	
26) Benzo(a)pyrene	23.153	252	10199	0.394	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.363	276	8253	0.209	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	2192	0.070	ng/ul#	18
29) Benzo(g,h,i)perylene	26.007	276	8344	0.265	ng/ul#	93

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

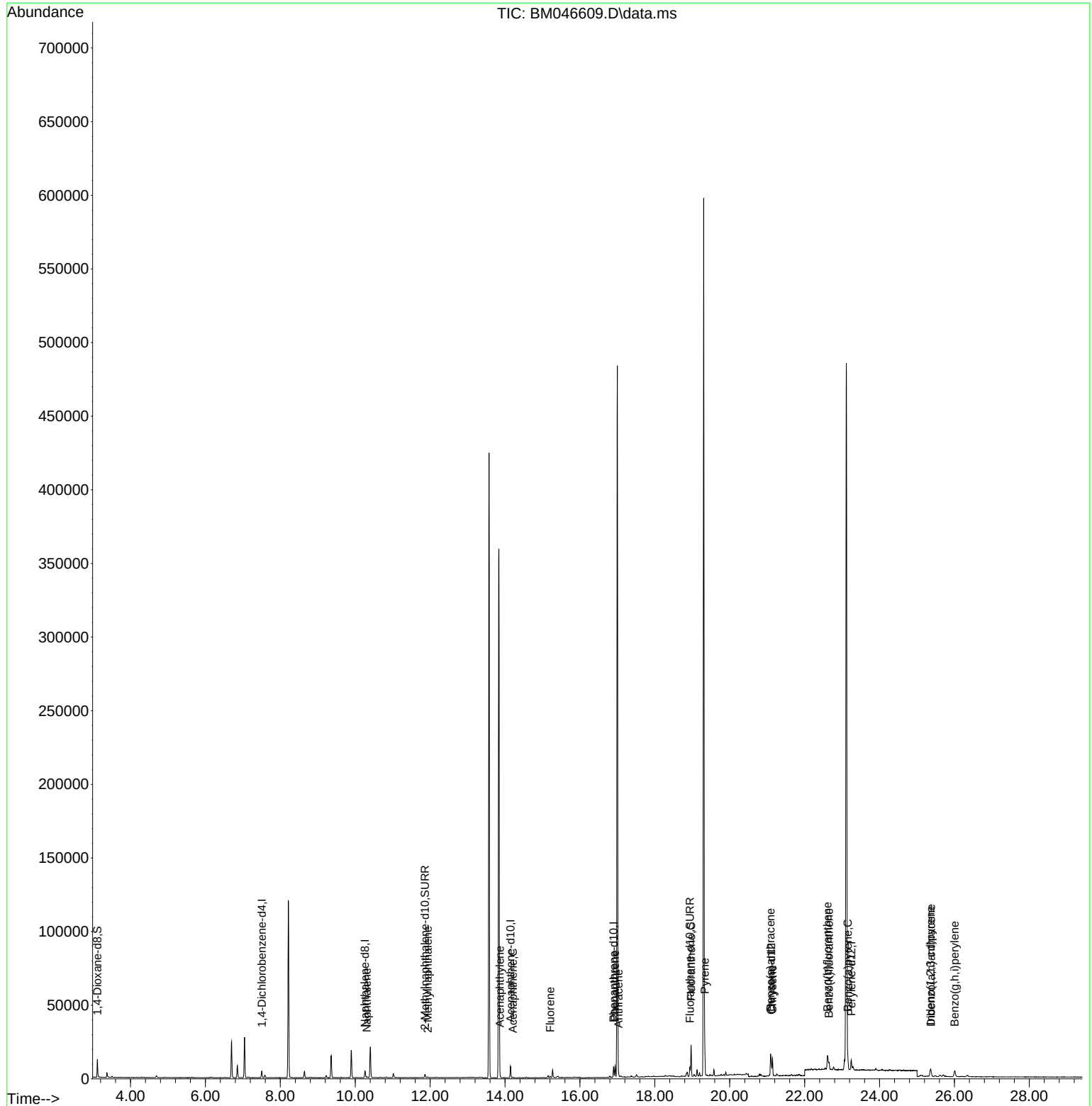
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046609.D
Acq On : 15 Jul 2024 23:09
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Sample : P3087-19
Misc :
ALS Vial : 19 Sample Multiplier: 1

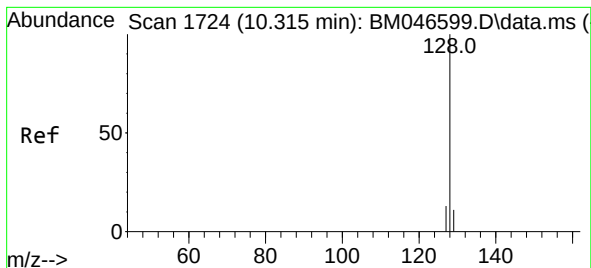
Instrument :
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Quant Time: Jul 16 00:25:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.055 ng/ul

RT: 10.310 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BM046609.D

Acq: 15 Jul 2024 23:09

Instrument :

BNA_M

ClientSampleId :

A4BR4

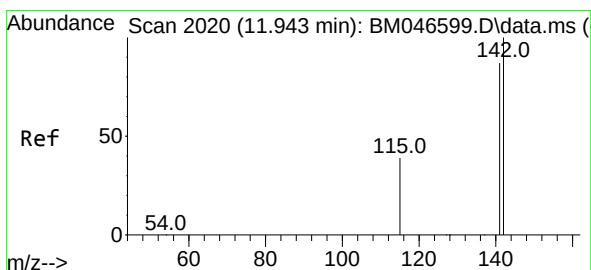
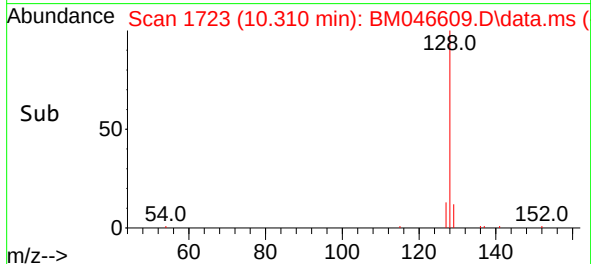
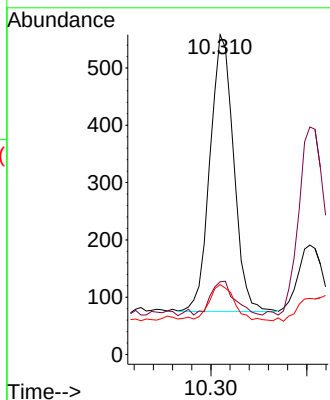
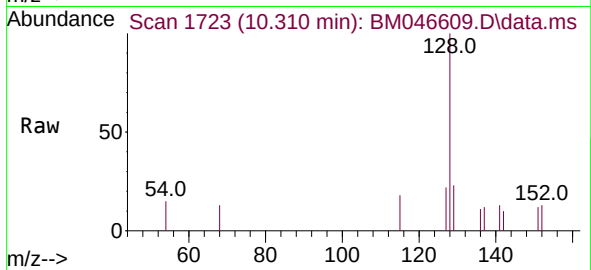
Tgt Ion:128	Resp:	828
Ion Ratio	Lower	Upper
128	100	
129	22.8	10.3 15.5
127	21.9	12.2 18.4

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.031 ng/ul

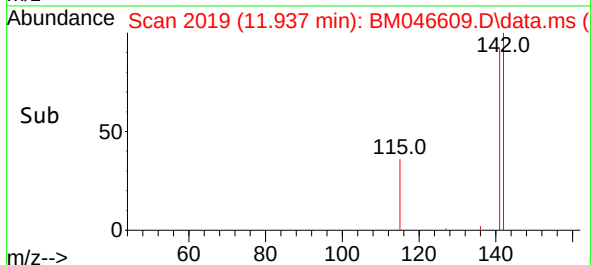
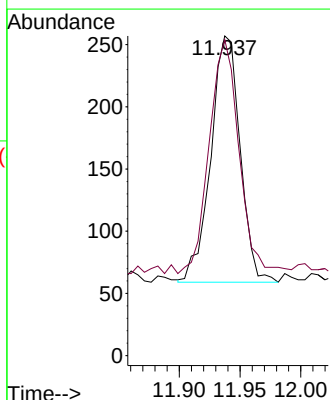
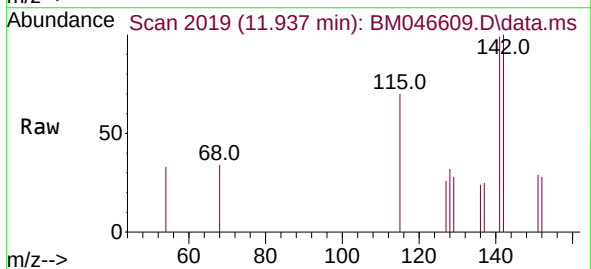
RT: 11.937 min Scan# 2019

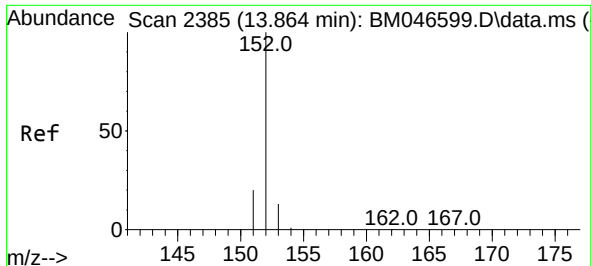
Delta R.T. -0.006 min

Lab File: BM046609.D

Acq: 15 Jul 2024 23:09

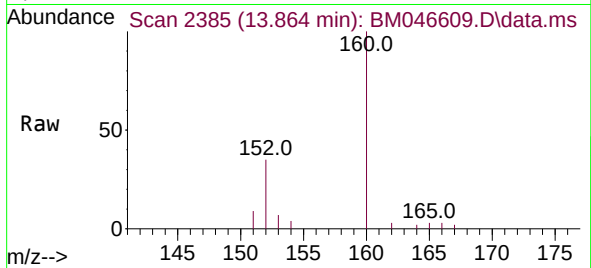
Tgt Ion:142	Resp:	332
Ion Ratio	Lower	Upper
142	100	
141	97.6	70.3 105.5





#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 13.864 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

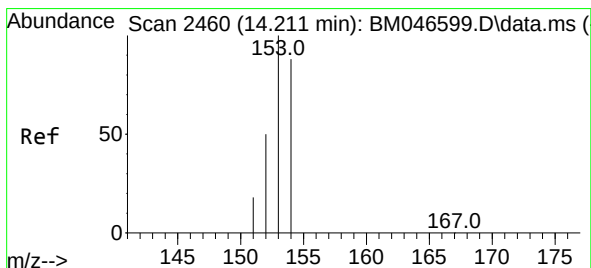
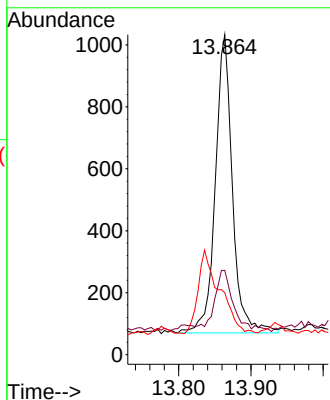
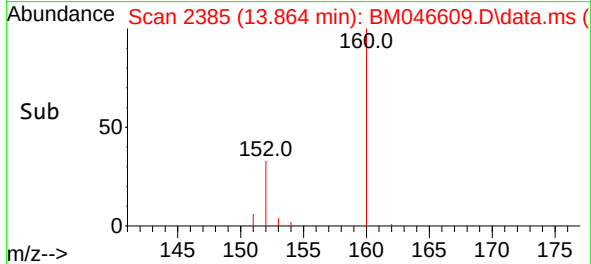
Instrument :
BNA_M
ClientSampleId :
A4BR4



Tgt Ion:152 Resp: 1592
Ion Ratio Lower Upper
152 100
151 26.3 16.4 24.6
153 19.4 12.4 18.6

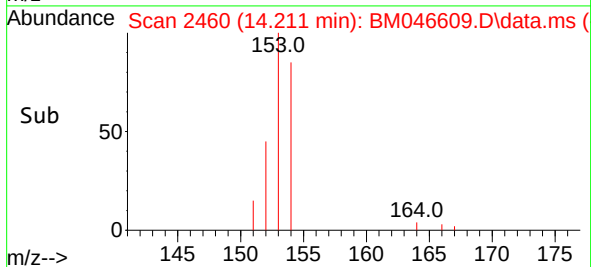
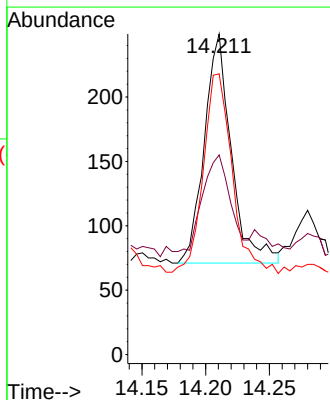
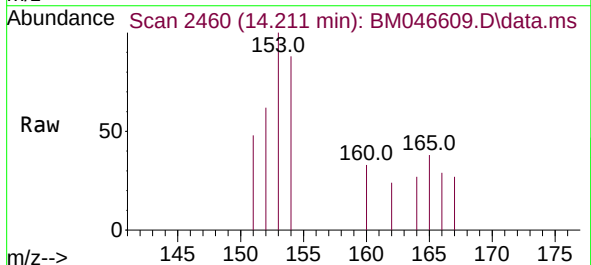
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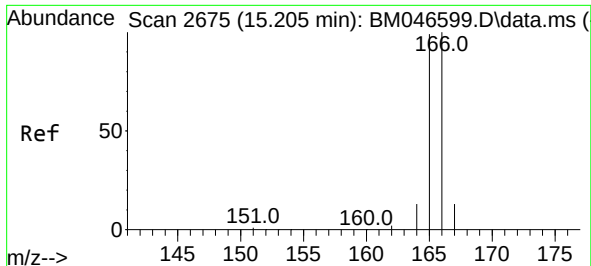
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

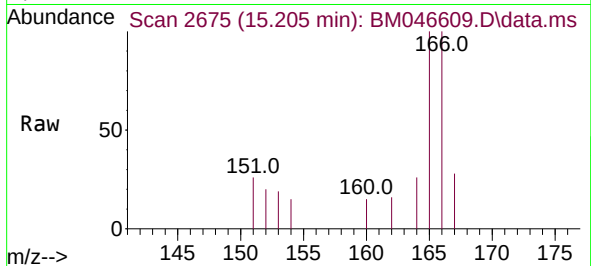
Tgt Ion:153 Resp: 264
Ion Ratio Lower Upper
153 100
152 62.2 43.0 64.6
154 87.6 69.9 104.9





#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.205 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

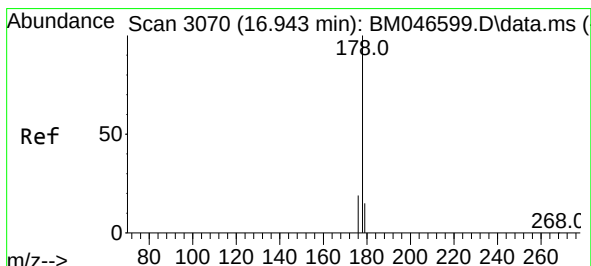
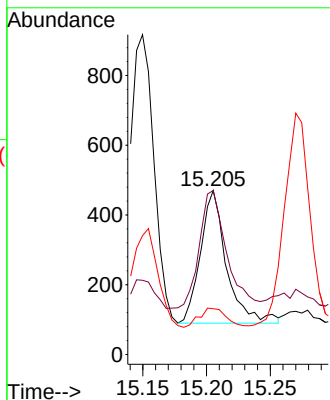
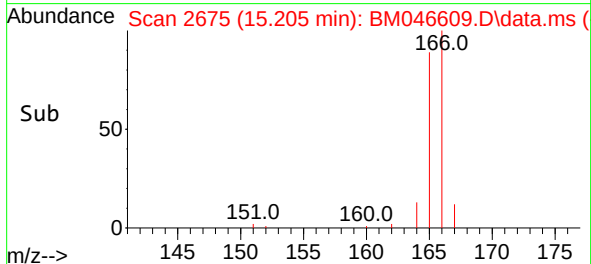
Instrument :
BNA_M
ClientSampleId :
A4BR4



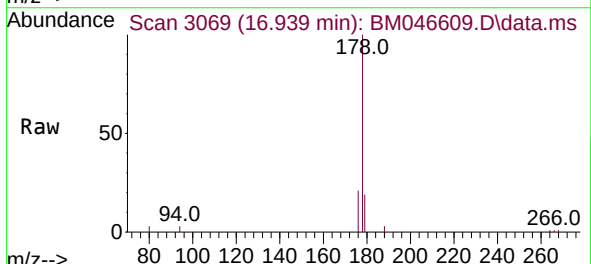
Tgt Ion:166 Resp: 54
Ion Ratio Lower Upper
166 100
165 100.0 76.1 114.1
167 27.9 12.5 18.7

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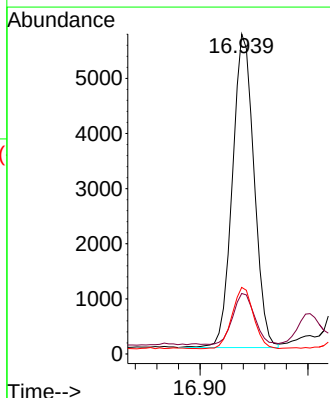
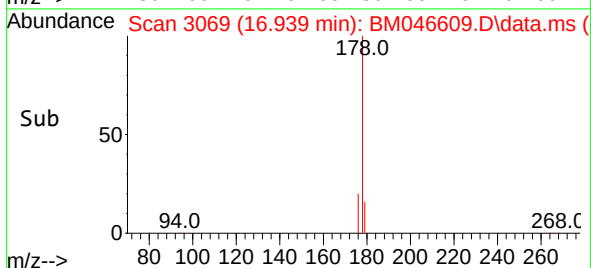
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

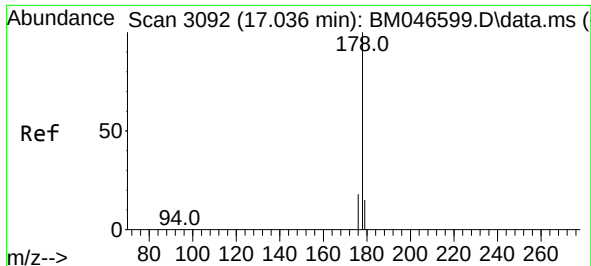


#15
Phenanthrene
Concen: 0.294 ng/ul
RT: 16.939 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09



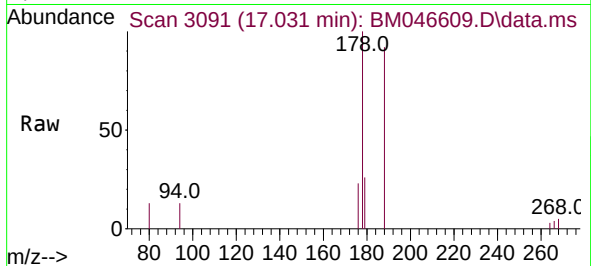
Tgt Ion:178 Resp: 7930
Ion Ratio Lower Upper
178 100
179 18.9 13.1 19.7
176 20.8 16.0 24.0





#16
 Anthracene
 Concen: 0.085 ng/u1
 RT: 17.031 min Scan# 3091
 Delta R.T. -0.000 min
 Lab File: BM046609.D
 Acq: 15 Jul 2024 23:09

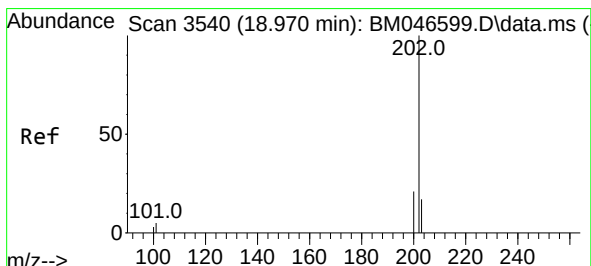
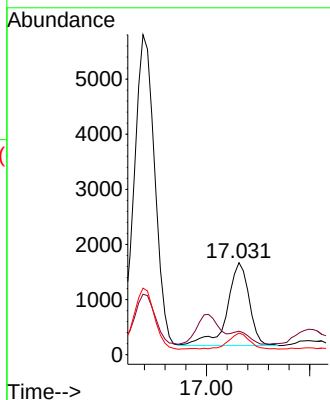
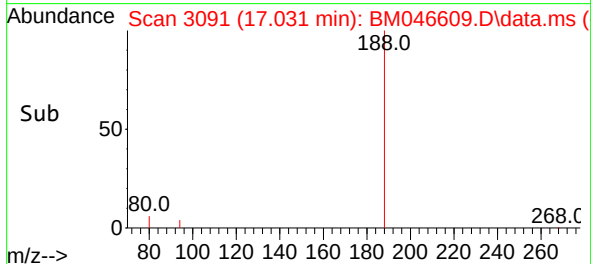
Instrument :
 BNA_M
 ClientSampleId :
 A4BR4



Tgt Ion:178 Resp: 2239
 Ion Ratio Lower Upper
 178 100
 179 25.7 13.5 20.3
 176 23.4 15.7 23.5

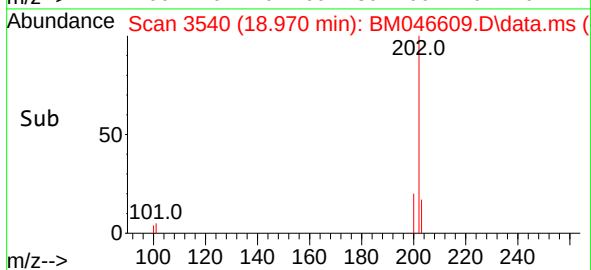
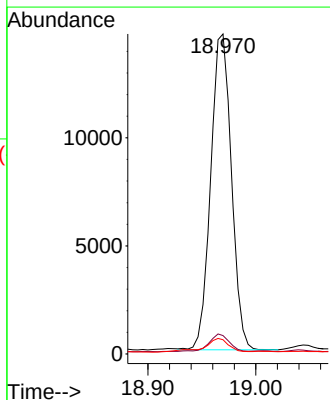
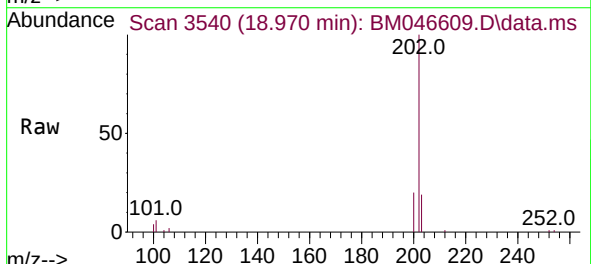
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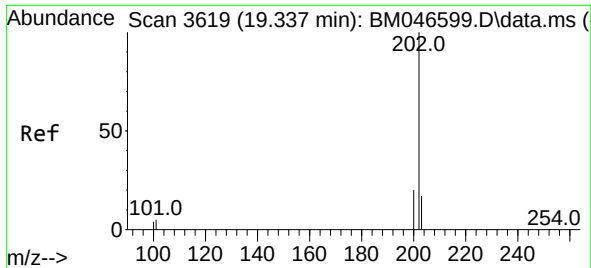
Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024



#19
 Fluoranthene
 Concen: 0.600 ng/u1
 RT: 18.970 min Scan# 3540
 Delta R.T. -0.000 min
 Lab File: BM046609.D
 Acq: 15 Jul 2024 23:09

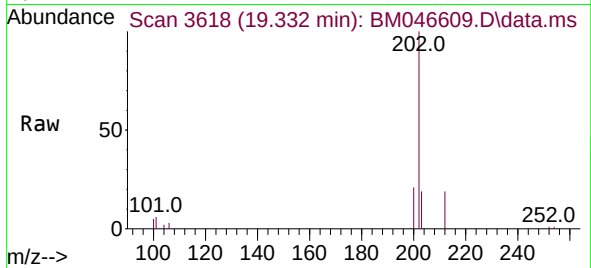
Tgt Ion:202 Resp: 19502
 Ion Ratio Lower Upper
 202 100
 101 5.8 4.6 6.8
 100 4.5 3.0 4.6





#20
Pyrene
Concen: 0.579 ng/ul
RT: 19.332 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

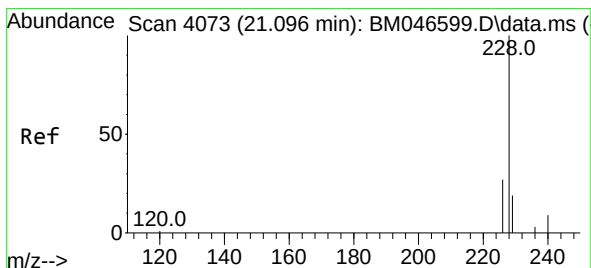
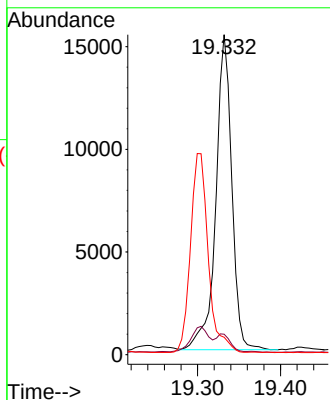
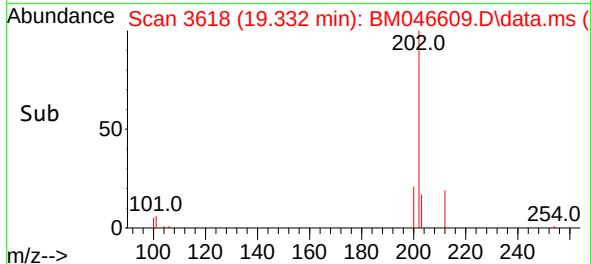
Instrument :
BNA_M
ClientSampleId :
A4BR4



Tgt Ion:202 Resp: 20384
Ion Ratio Lower Upper
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101 6.4 5.1 7.7
100 5.5 3.8 5.6

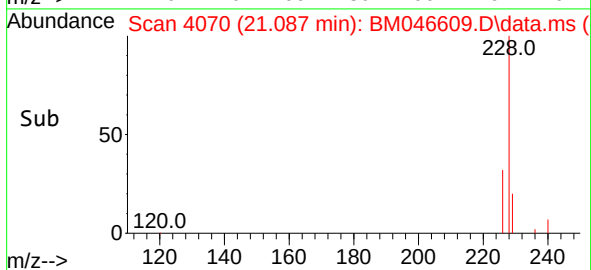
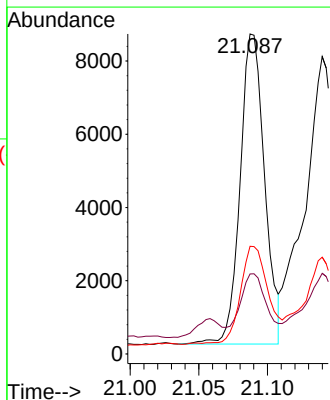
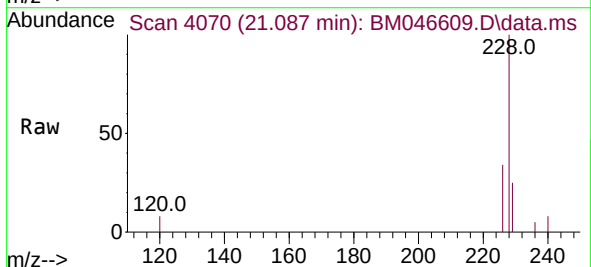
Manual Integrations
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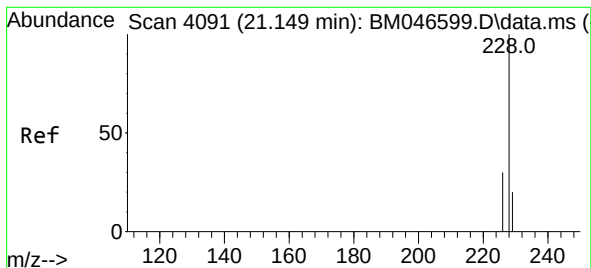
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#21
Benzo(a)anthracene
Concen: 0.300 ng/ul
RT: 21.087 min Scan# 4070
Delta R.T. -0.000 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

Tgt Ion:228 Resp: 10486
Ion Ratio Lower Upper
228 100
229 25.0 16.5 24.7#
226 33.7 22.5 33.7





#22

Chrysene

Concen: 0.364 ng/ul

RT: 21.140 min Scan# 4088

Delta R.T. -0.000 min

Lab File: BM046609.D

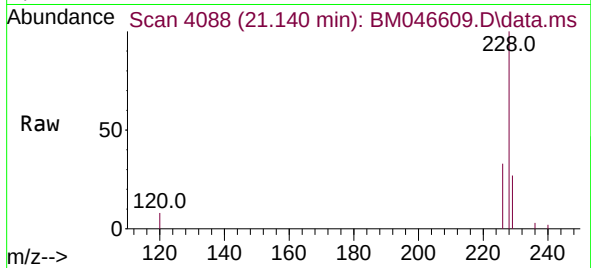
Acq: 15 Jul 2024 23:09

Instrument :

BNA_M

ClientSampleId :

A4BR4



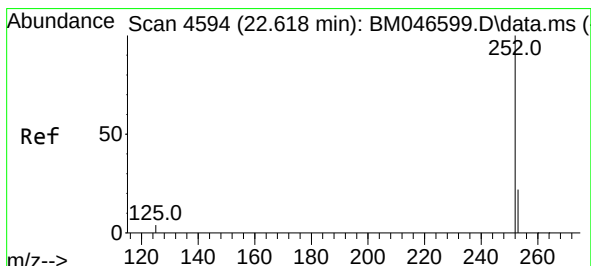
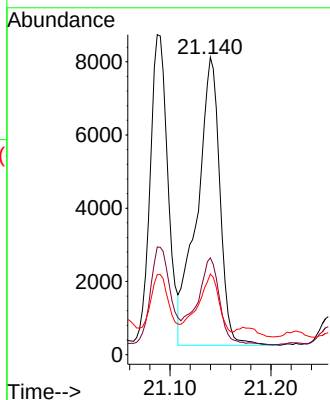
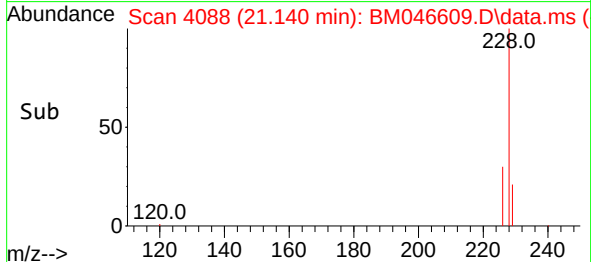
Tgt Ion:	228	Resp:	12339
Ion Ratio	Lower	Upper	
228	100		
226	32.5	24.3	36.5
229	27.1	16.4	24.6

Manual Integrations

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Supervised By :mohammad ahmed 07/18/2024



#24

Benzo(b)fluoranthene

Concen: 0.499 ng/ul m

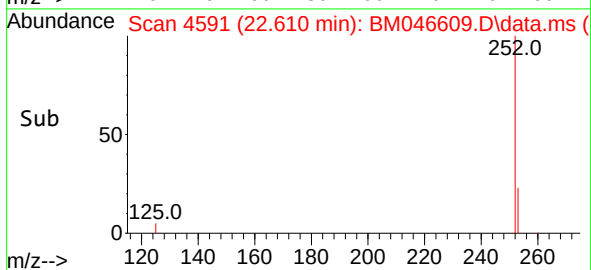
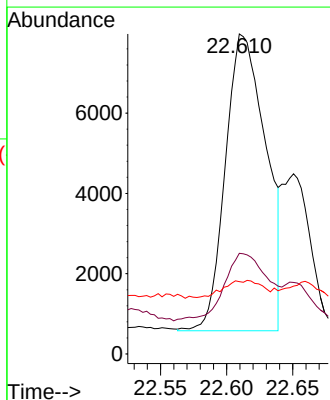
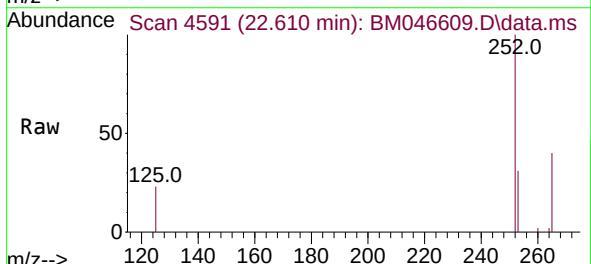
RT: 22.610 min Scan# 4591

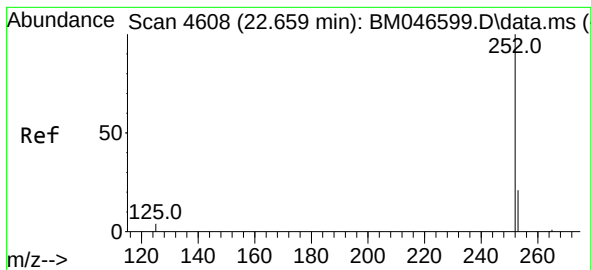
Delta R.T. -0.000 min

Lab File: BM046609.D

Acq: 15 Jul 2024 23:09

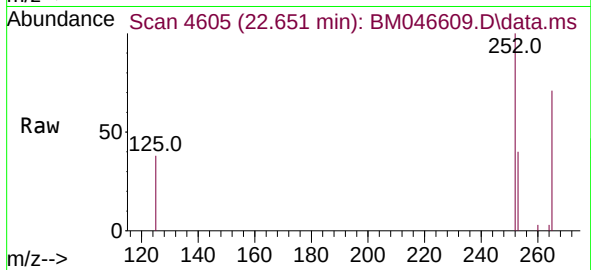
Tgt Ion:	252	Resp:	15720
Ion Ratio	Lower	Upper	
252	100		
253	31.4	0.0	56.2
125	22.6	0.0	17.8





#25
Benzo(k)fluoranthene
Concen: 0.187 ng/ul m
RT: 22.651 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

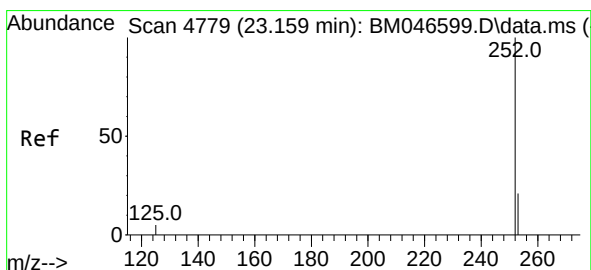
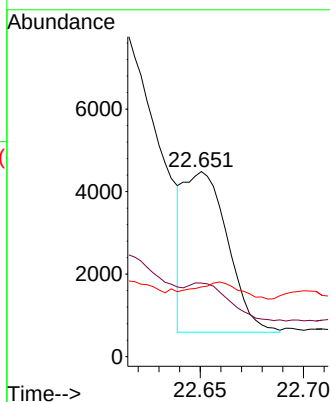
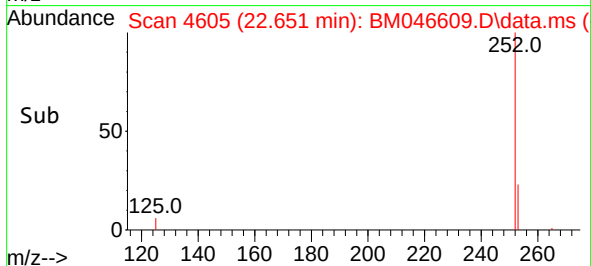
Instrument :
BNA_M
ClientSampleId :
A4BR4



Tgt Ion:252 Resp: 5780
Ion Ratio Lower Upper
252 100
253 39.7 22.4 33.6
125 37.7 7.0 10.4

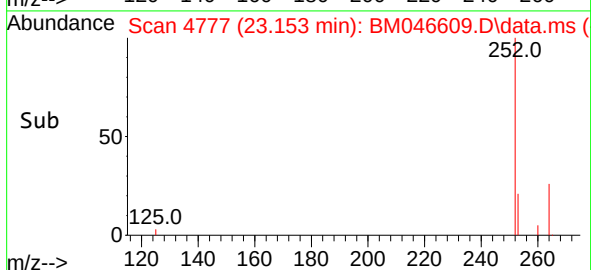
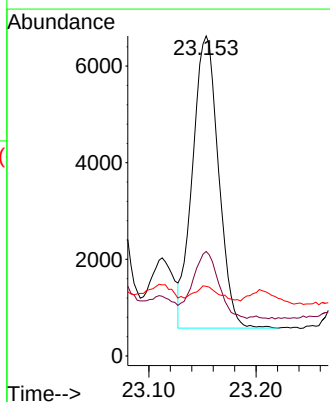
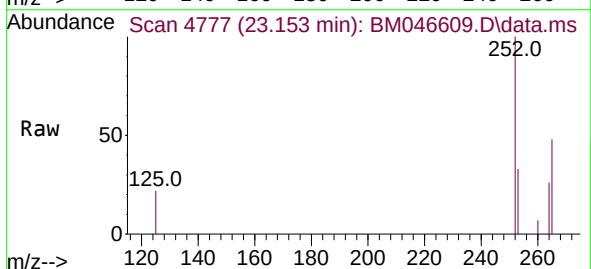
Manual Integrations
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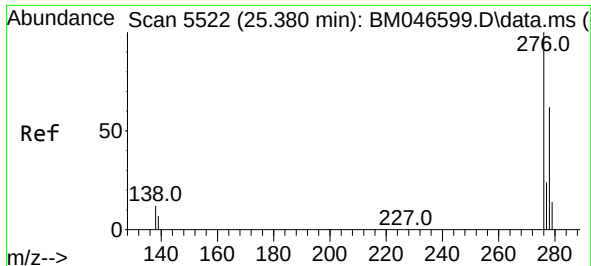
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.153 min Scan# 4777
Delta R.T. 0.003 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

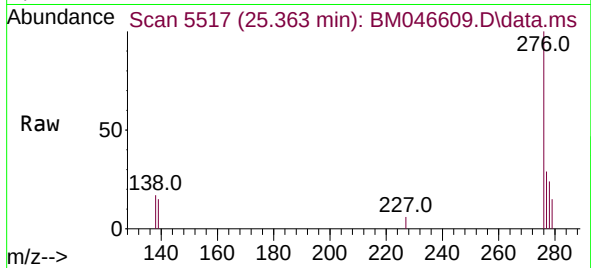
Tgt Ion:252 Resp: 10199
Ion Ratio Lower Upper
252 100
253 32.7 24.0 36.0
125 21.8 8.2 12.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.209 ng/ul
RT: 25.363 min Scan# 5517
Delta R.T. 0.003 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

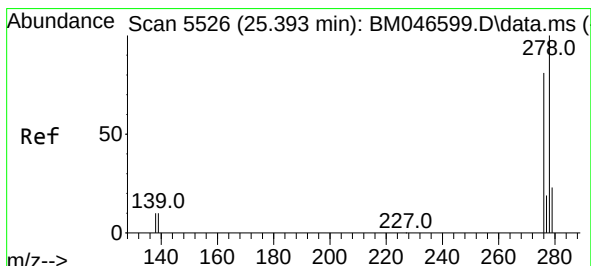
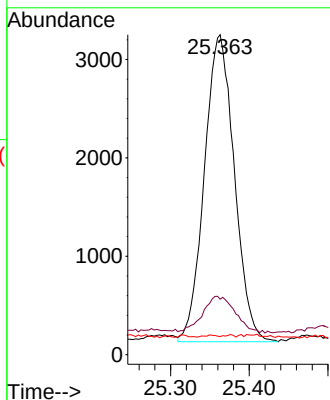
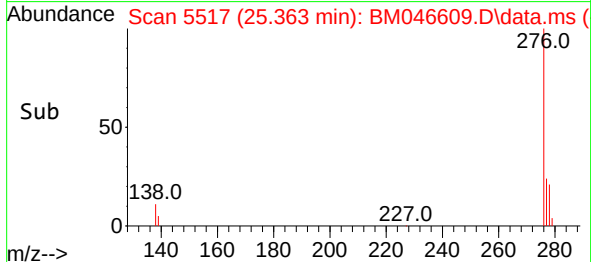
Instrument :
BNA_M
ClientSampleId :
A4BR4



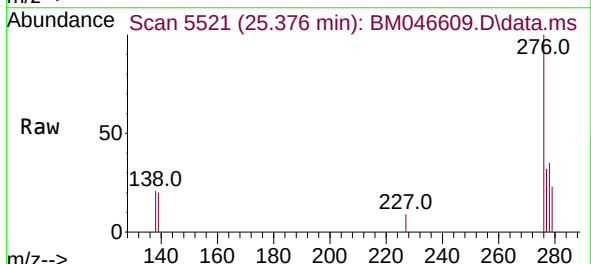
Tgt Ion:276 Resp: 825
Ion Ratio Lower Upper
276 100
138 12.9 0.0 0.0#
227 0.3 0.2 0.2#

Manual Integrations
APPROVED

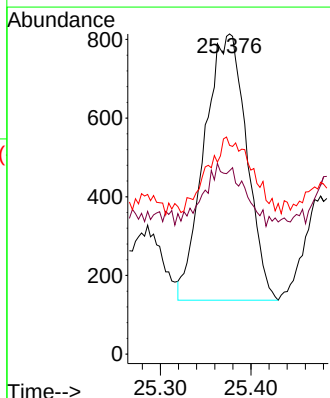
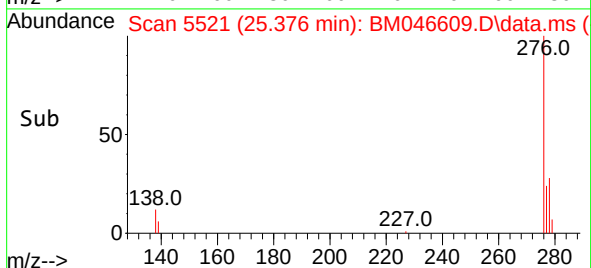
Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024

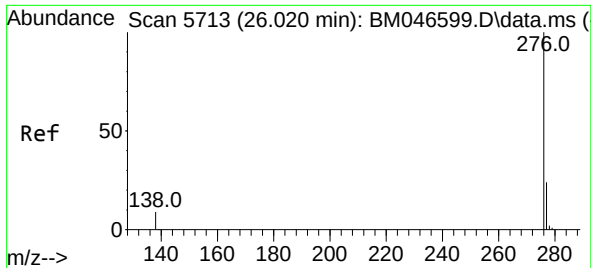


#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 25.376 min Scan# 5521
Delta R.T. -0.007 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09



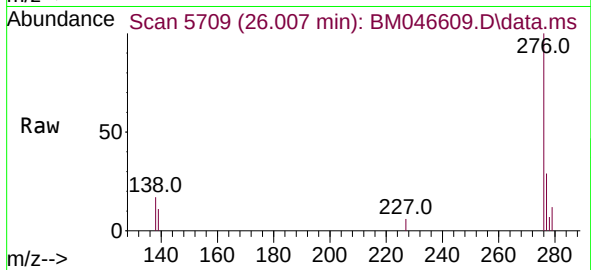
Tgt Ion:278 Resp: 2192
Ion Ratio Lower Upper
278 100
139 57.2 9.1 13.7#
279 65.2 23.2 34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.265 ng/ul
RT: 26.007 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM046609.D
Acq: 15 Jul 2024 23:09

Instrument :
BNA_M
ClientSampleId :
A4BR4



Tgt Ion:276 Resp: 8344
Ion Ratio Lower Upper
276 100
138 16.7 10.2 15.4
277 29.3 20.9 31.3

Manual Integrations
APPROVED

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

