

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
 Data File : BM045699.D
 Acq On : 03 May 2024 17:04
 Operator : MA/JU
 Sample : P2234-01DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0SA1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 17:57:31 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 03 03:27:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.526	152	331	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.303	136	1067	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.178	164	673	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.938	188	1598	0.400	ng/ul	#-0.04
17) Chrysene-d12	21.160	240	1820	0.400	ng/ul	#-0.03
23) Perylene-d12	23.334	264	2581	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.150	96	248	0.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	65	0.039	ng/ul	-0.02
18) Fluoranthene-d10	18.979	212	217	0.047	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.352	128	93	0.034	ng/ul#	43
7) 2-Methylnaphthalene	12.008	142	36	0.022	ng/ul	93
10) Acenaphthylene	13.896	152	84	0.030	ng/ul#	35
11) Acenaphthene	14.243	153	122	0.058	ng/ul#	91
12) Fluorene	15.247	166	120	0.049	ng/ul#	86
15) Phenanthrene	16.981	178	6619	1.668	ng/ul#	87
16) Anthracene	17.082	178	527	0.137	ng/ul#	87
19) Fluoranthene	19.011	202	22497	3.890	ng/ul#	83
20) Pyrene	19.374	202	19727	3.207	ng/ul#	86
21) Benzo(a)anthracene	21.143	228	7331	1.380	ng/ul	93
22) Chrysene	21.195	228	11489	1.528	ng/ul	93
24) Benzo(b)fluoranthene	22.688	252	19226m	2.674	ng/ul	
25) Benzo(k)fluoranthene	22.726	252	6741m	0.757	ng/ul	
26) Benzo(a)pyrene	23.238	252	11908m	1.494	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.500	276	11109	1.012	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.507	278	2240	0.255	ng/ul	94
29) Benzo(g,h,i)perylene	26.161	276	10963	1.127	ng/ul#	85

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

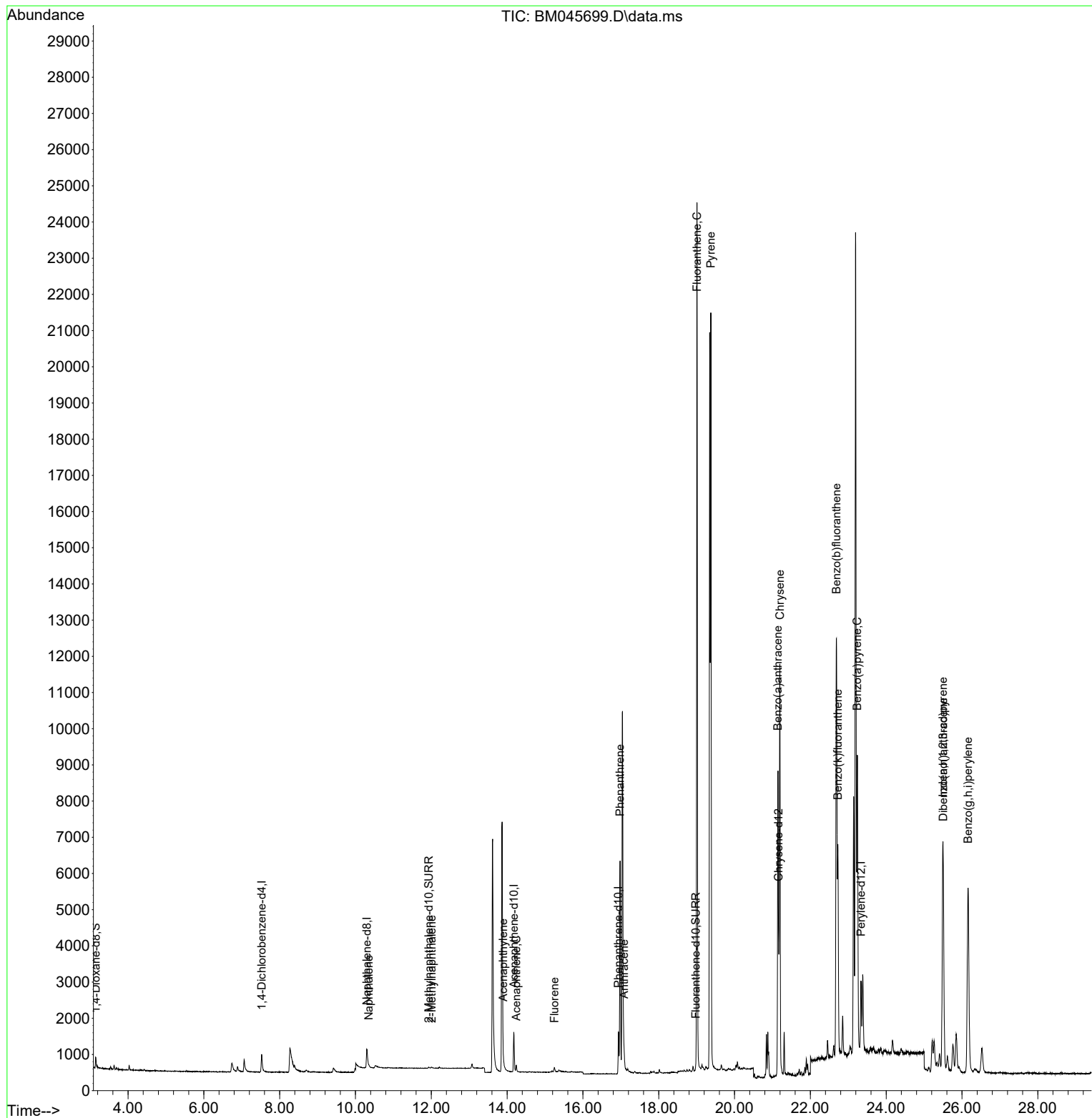
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045699.D
Acq On : 03 May 2024 17:04
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Sample : P2234-01DL 5X
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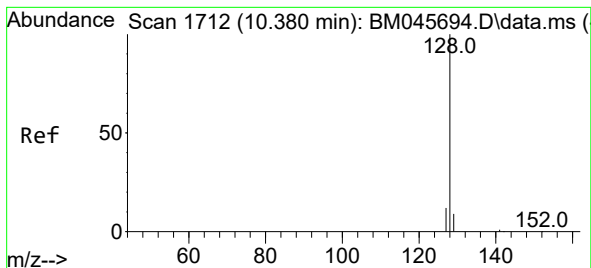
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Quant Time: May 03 17:57:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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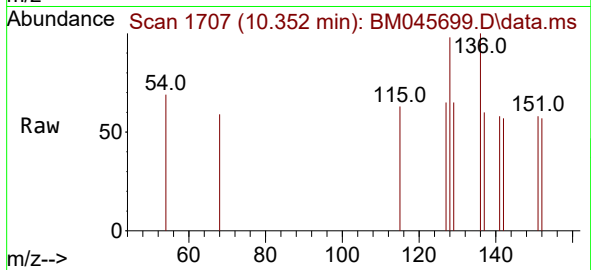
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024





#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.352 min Scan# 1712
Delta R.T. -0.038 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04

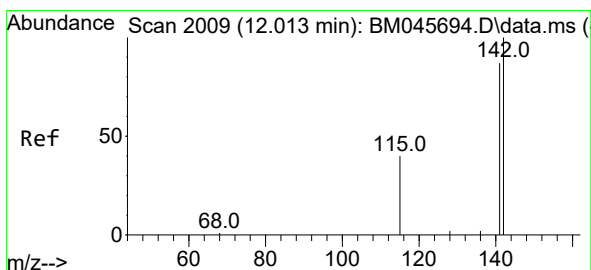
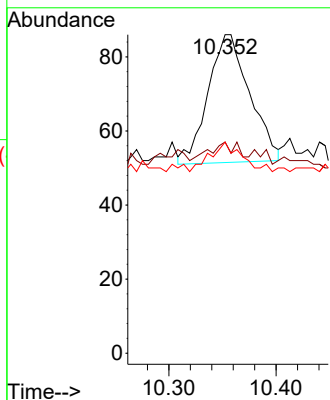
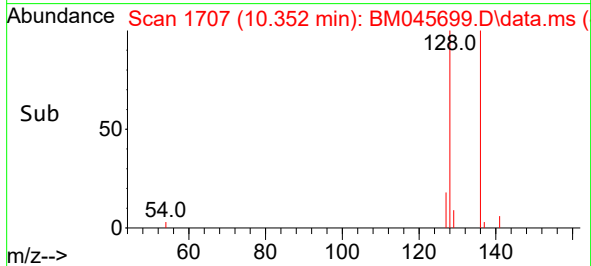
Instrument :
BNA_M
ClientSampleId :
C0SA1DL



Tgt Ion:128 Resp: 91
Ion Ratio Lower Upper
128 100
129 66.3 26.2 39.4
127 66.3 27.4 41.2

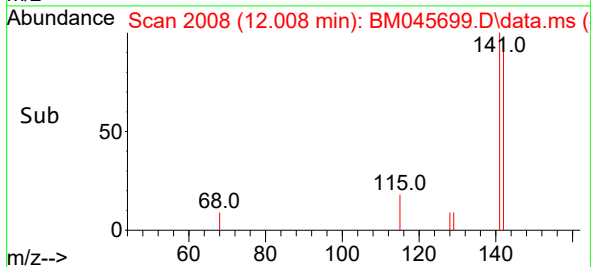
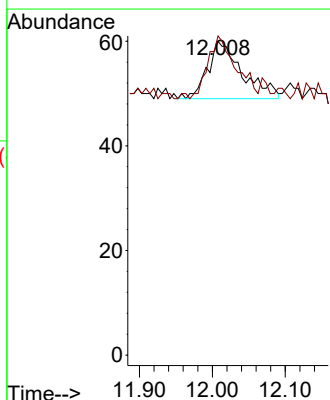
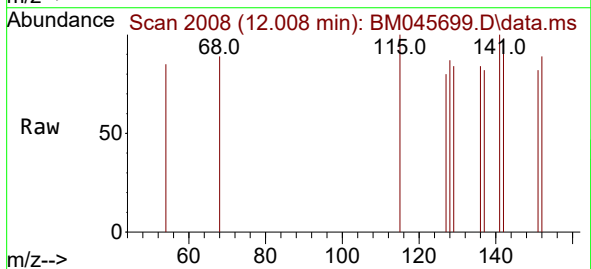
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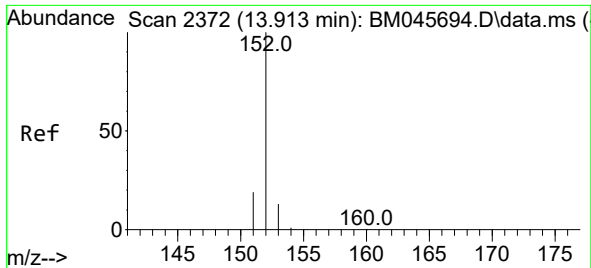
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. -0.022 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04

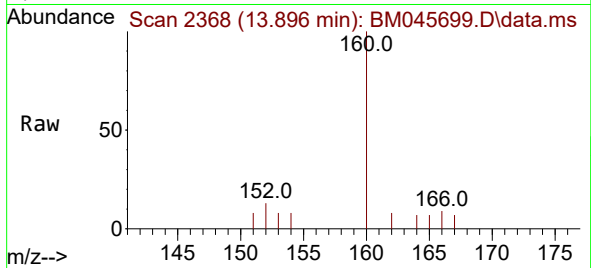
Tgt Ion:142 Resp: 36
Ion Ratio Lower Upper
142 100
141 88.9 76.9 115.3





#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 13.896 min Scan# 21
Delta R.T. -0.032 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04

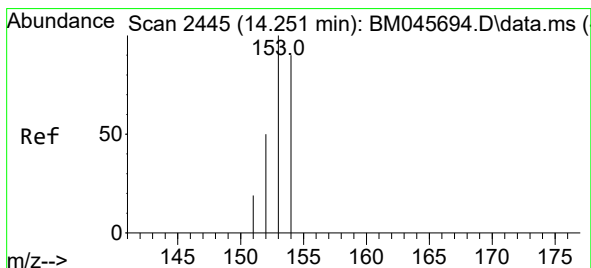
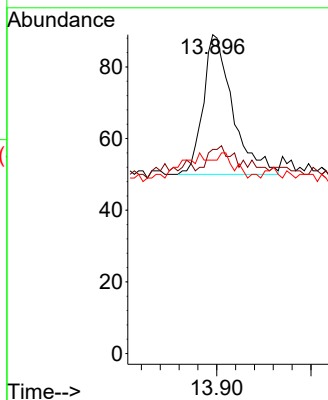
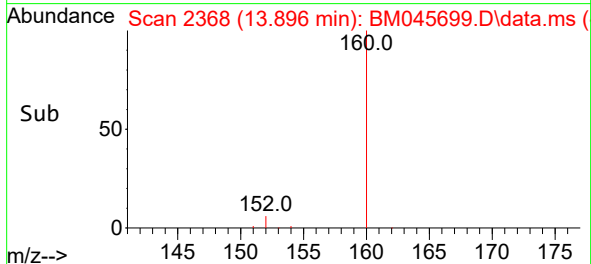
Instrument :
BNA_M
ClientSampleId :
C0SA1DL



Tgt Ion:152 Resp: 84
Ion Ratio Lower Upper
152 100
151 64.0 25.0 37.4
153 60.7 19.6 29.4

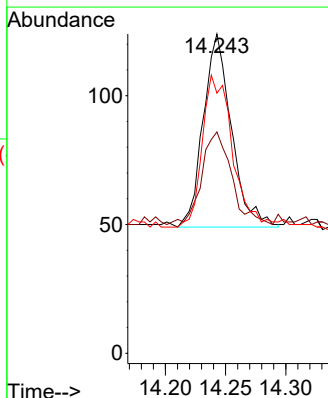
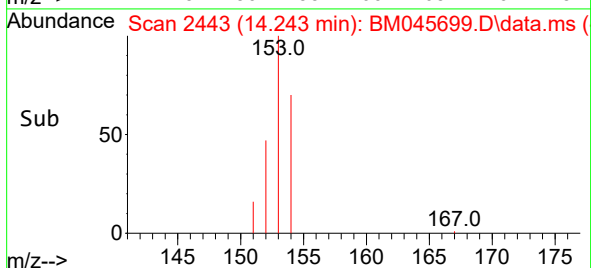
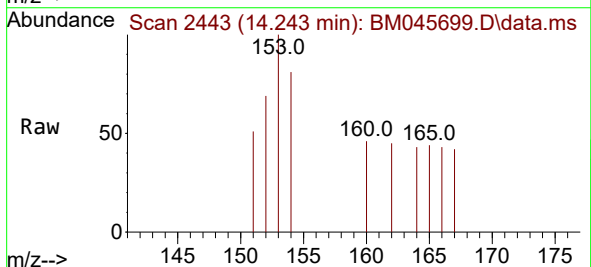
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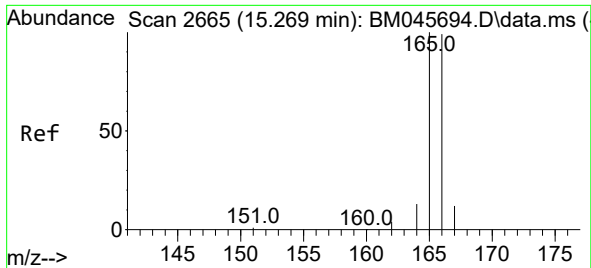
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#11
Acenaphthene
Concen: 0.058 ng/ul
RT: 14.243 min Scan# 2443
Delta R.T. -0.018 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04

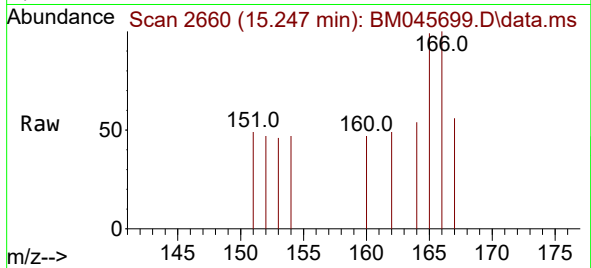
Tgt Ion:153 Resp: 122
Ion Ratio Lower Upper
153 100
152 69.4 45.1 67.7#
154 81.5 67.6 101.4





#12
Fluorene
Concen: 0.049 ng/ul
RT: 15.247 min Scan# 2060
Delta R.T. -0.037 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04

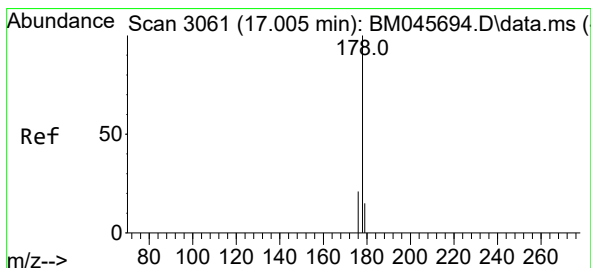
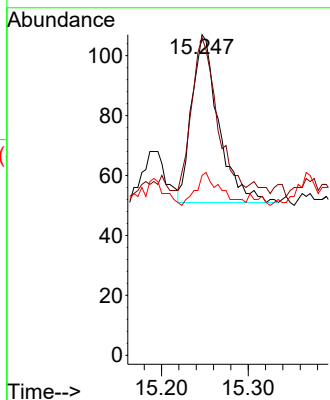
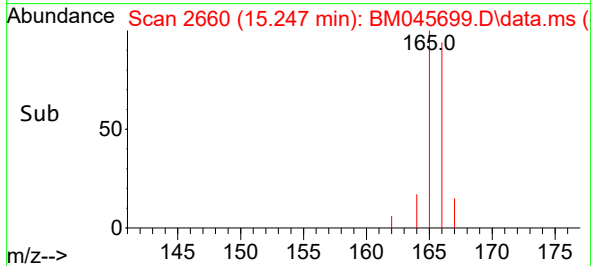
Instrument :
BNA_M
ClientSampleId :
C0SA1DL



Tgt Ion:166 Resp: 120
Ion Ratio Lower Upper
166 100
165 99.1 77.5 116.3
167 56.1 21.8 32.6

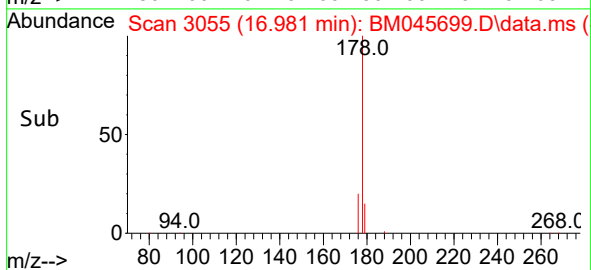
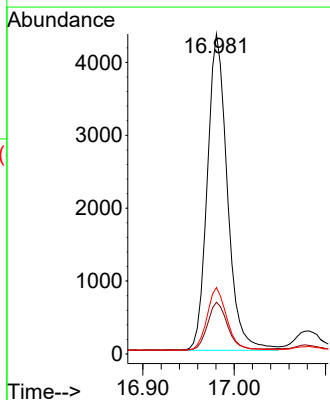
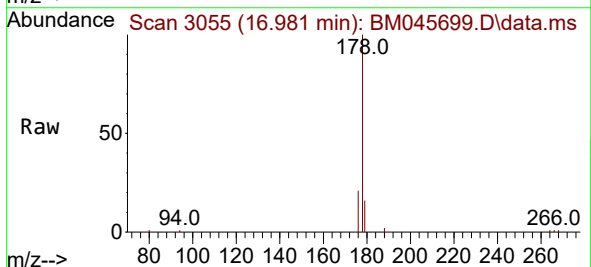
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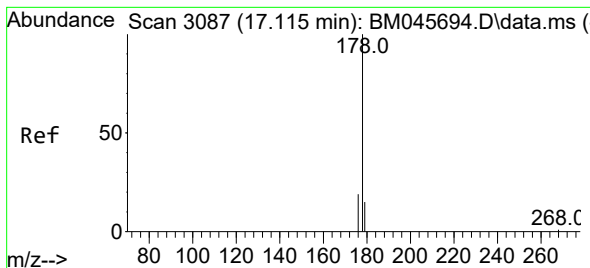
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#15
Phenanthrene
Concen: 1.668 ng/ul
RT: 16.981 min Scan# 3055
Delta R.T. -0.042 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04

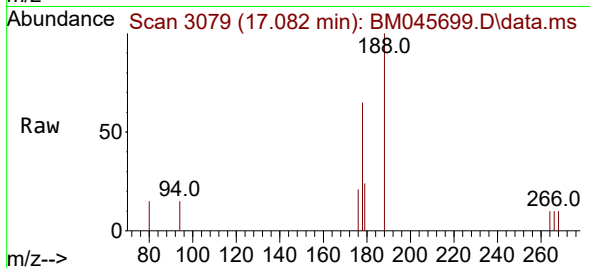
Tgt Ion:178 Resp: 6619
Ion Ratio Lower Upper
178 100
179 16.1 18.3 27.5#
176 20.7 21.8 32.6#





#16
 Anthracene
 Concen: 0.137 ng/ul
 RT: 17.082 min Scan# 3087
 Delta R.T. -0.046 min
 Lab File: BM045699.D
 Acq: 03 May 2024 17:04

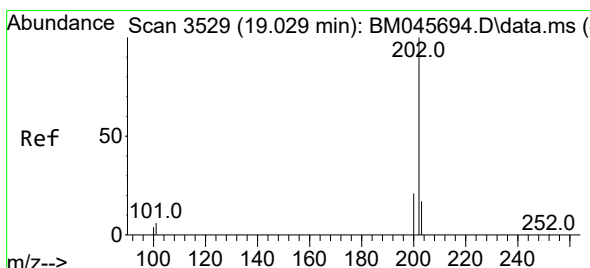
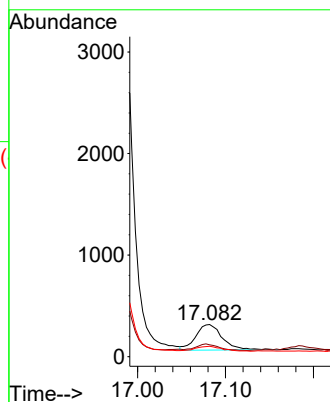
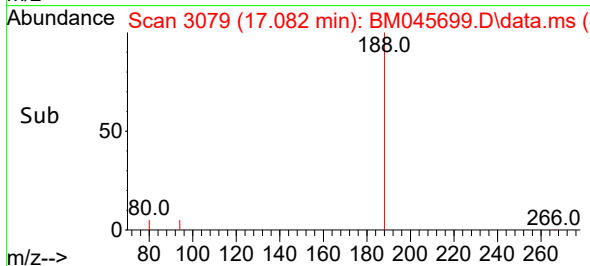
Instrument :
 BNA_M
 ClientSampleId :
 C0SA1DL



Tgt Ion:178 Resp: 527
 Ion Ratio Lower Upper
 178 100
 179 36.6 20.9 31.3#
 176 32.2 22.9 34.3#

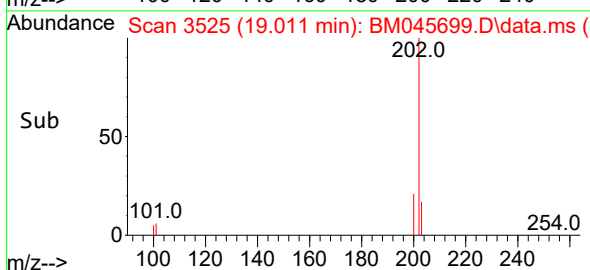
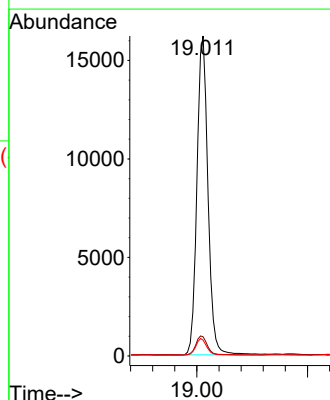
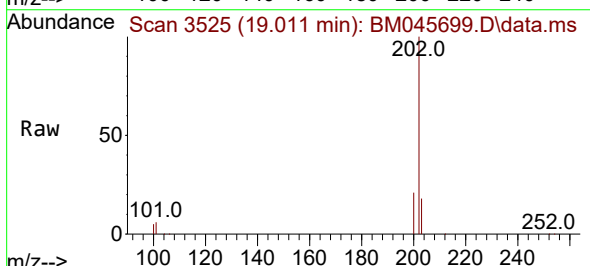
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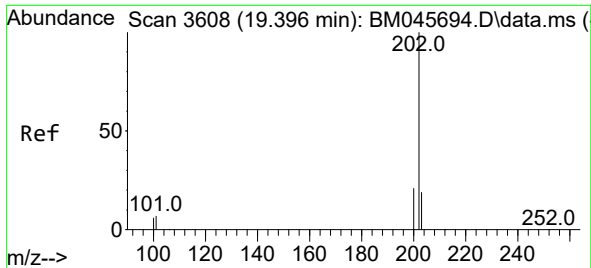
Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024



#19
 Fluoranthene
 Concen: 3.890 ng/ul
 RT: 19.011 min Scan# 3525
 Delta R.T. -0.032 min
 Lab File: BM045699.D
 Acq: 03 May 2024 17:04

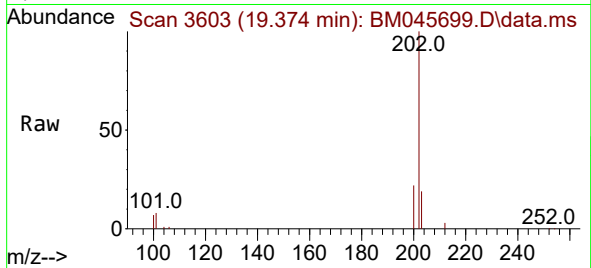
Tgt Ion:202 Resp: 22497
 Ion Ratio Lower Upper
 202 100
 101 6.0 10.1 15.1#
 100 5.0 9.4 14.0#





#20
Pyrene
Concen: 3.207 ng/u1
RT: 19.374 min Scan# 30
Delta R.T. -0.037 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04

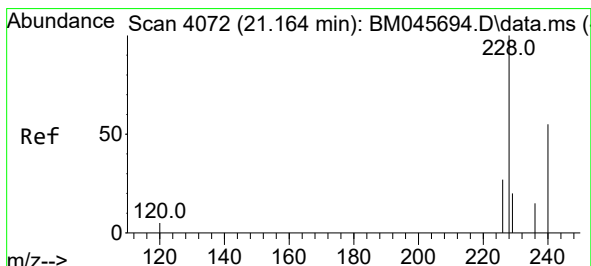
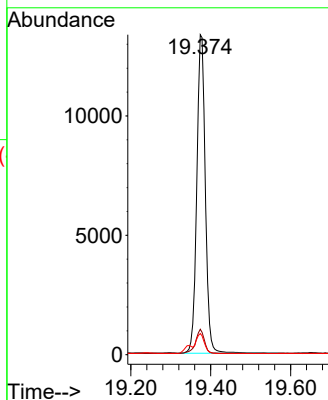
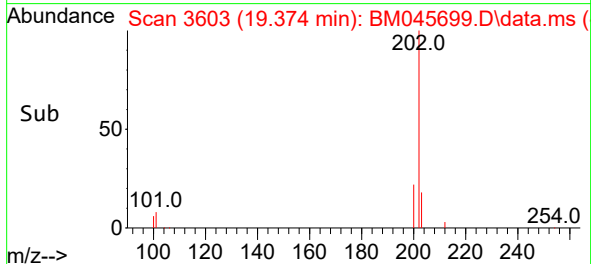
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ClientSampleId :
C0SA1DL



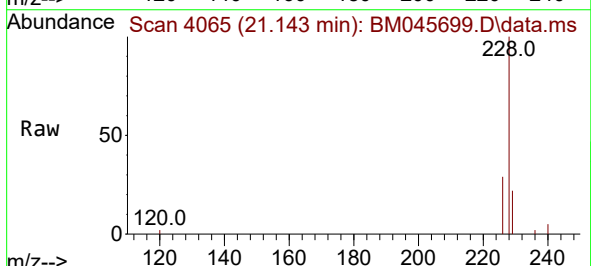
Tgt Ion:202 Resp: 1972
Ion Ratio Lower Upper
202 100
101 7.9 10.7 16.1
100 6.6 9.8 14.8

Manual Integrations
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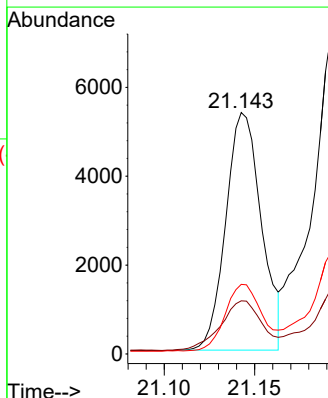
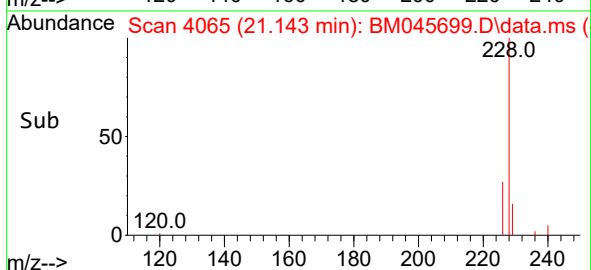
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

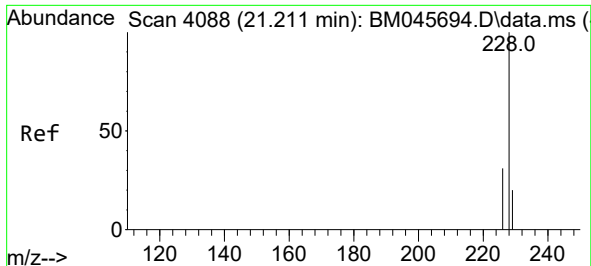


#21
Benzo(a)anthracene
Concen: 1.380 ng/u1
RT: 21.143 min Scan# 4065
Delta R.T. -0.035 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04



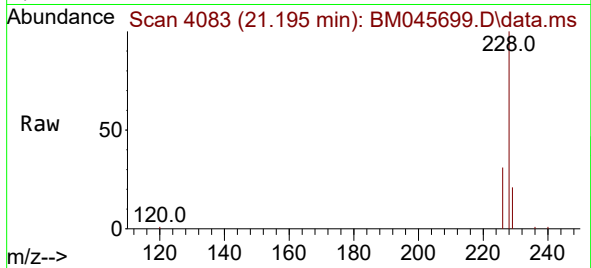
Tgt Ion:228 Resp: 7331
Ion Ratio Lower Upper
228 100
229 22.0 21.3 31.9
226 28.8 25.5 38.3





#22
Chrysene
Concen: 1.528 ng/ul
RT: 21.195 min Scan# 4083
Delta R.T. -0.029 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04

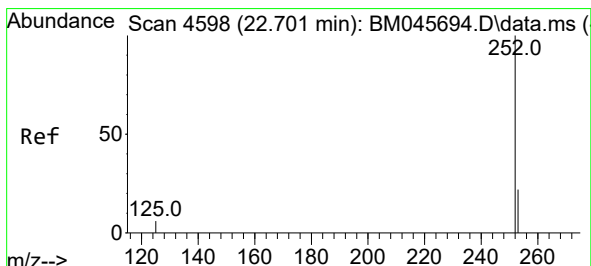
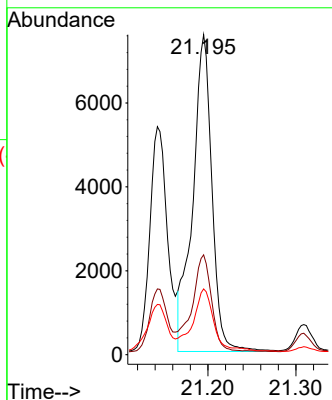
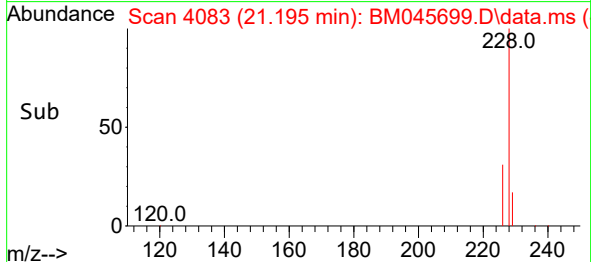
Instrument :
BNA_M
ClientSampleId :
C0SA1DL



Tgt Ion:228 Resp: 11489
Ion Ratio Lower Upper
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226 31.2 27.7 41.5
229 20.6 19.7 29.5

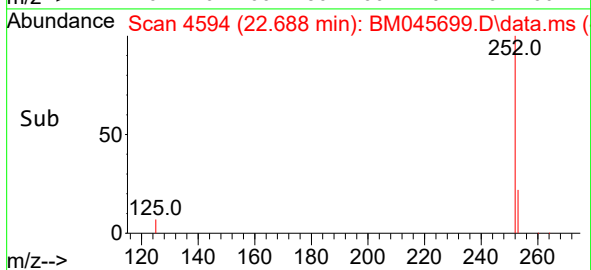
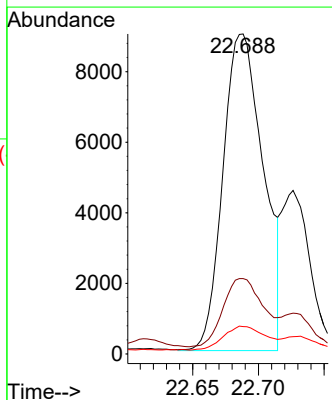
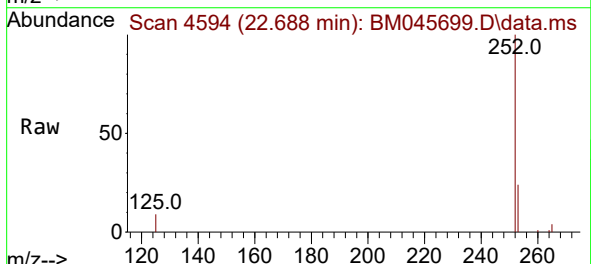
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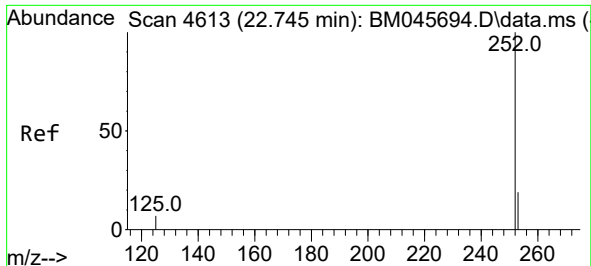
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024



#24
Benzo(b)fluoranthene
Concen: 2.674 ng/ul m
RT: 22.688 min Scan# 4594
Delta R.T. -0.032 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04

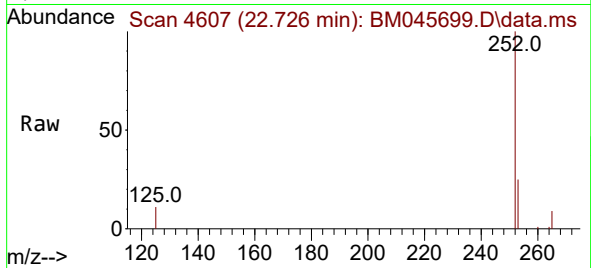
Tgt Ion:252 Resp: 19226
Ion Ratio Lower Upper
252 100
253 23.6 0.0 67.2
125 8.6 0.0 28.0





#25
Benzo(k)fluoranthene
Concen: 0.757 ng/ul m
RT: 22.726 min Scan# 4607
Delta R.T. -0.038 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04

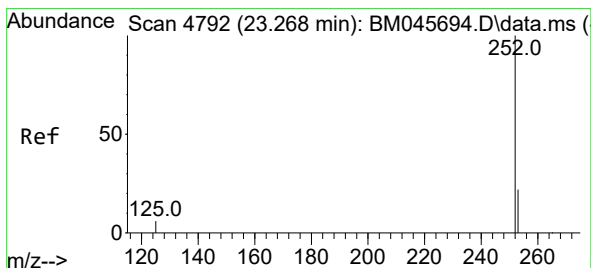
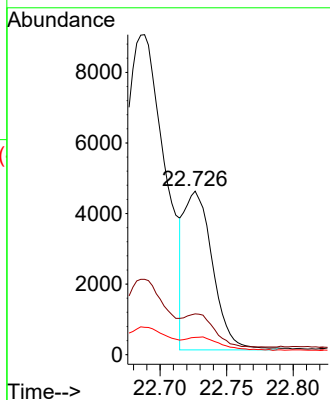
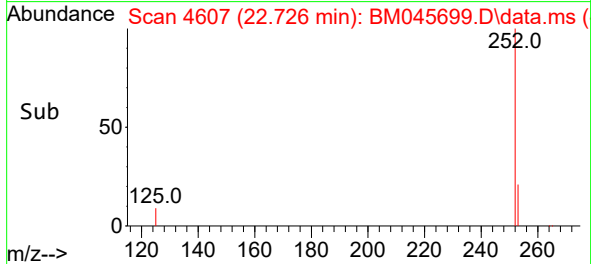
Instrument :
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ClientSampleId :
C0SA1DL



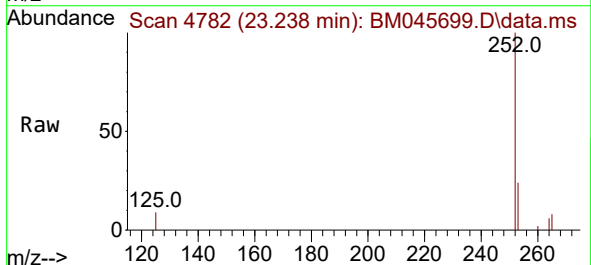
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Ion Ratio Lower Upper
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125 10.6 11.9 17.9#

Manual Integrations
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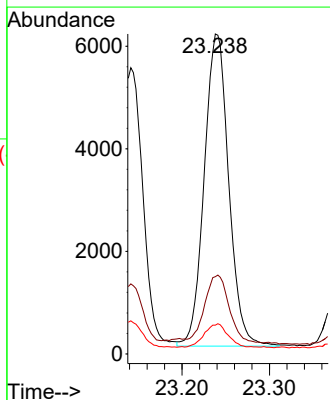
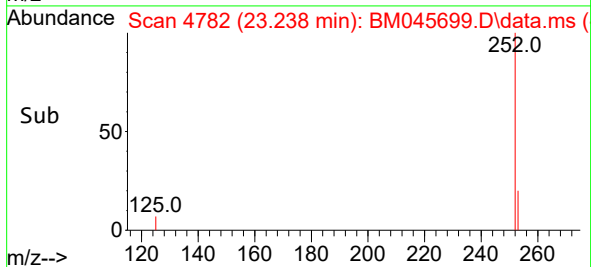
Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

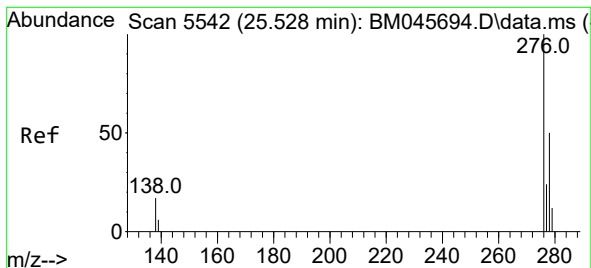


#26
Benzo(a)pyrene
Concen: 1.494 ng/ul m
RT: 23.238 min Scan# 4782
Delta R.T. -0.050 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04



Tgt Ion:252 Resp: 11908
Ion Ratio Lower Upper
252 100
253 24.2 31.7 47.5#
125 9.0 15.8 23.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.012 ng/ul

RT: 25.500 min Scan# 5534

Delta R.T. -0.067 min

Lab File: BM045699.D

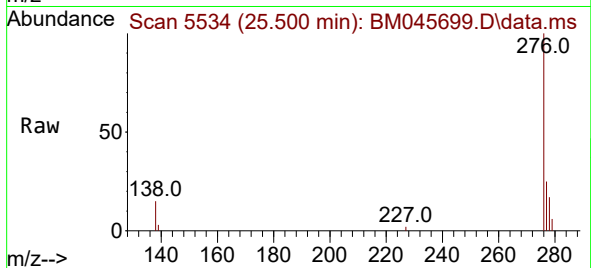
Acq: 03 May 2024 17:04

Instrument :

BNA_M

ClientSampleId :

C0SA1DL



Tgt Ion:276 Resp: 11109

Ion Ratio Lower Upper

276 100

138 14.1 13.1 19.7

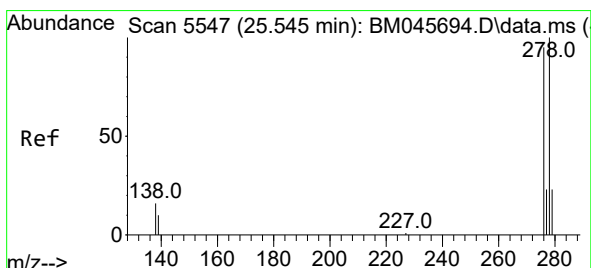
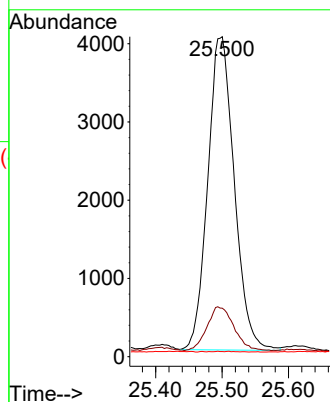
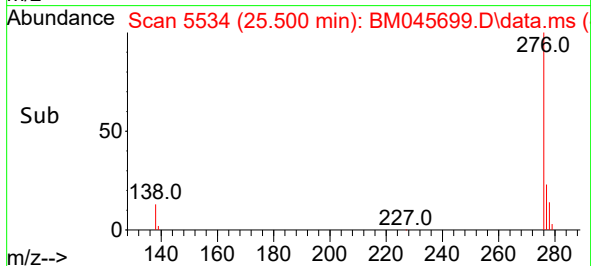
227 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/06/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.255 ng/ul

RT: 25.507 min Scan# 5536

Delta R.T. -0.080 min

Lab File: BM045699.D

Acq: 03 May 2024 17:04

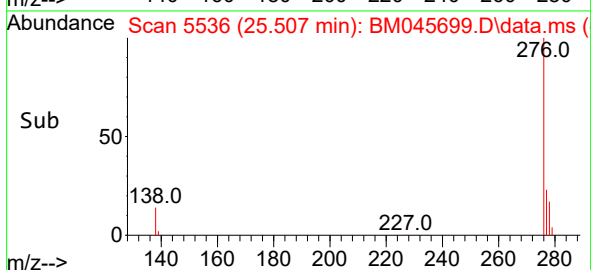
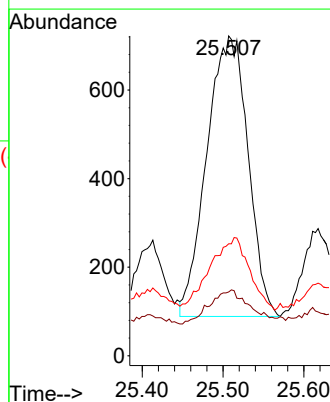
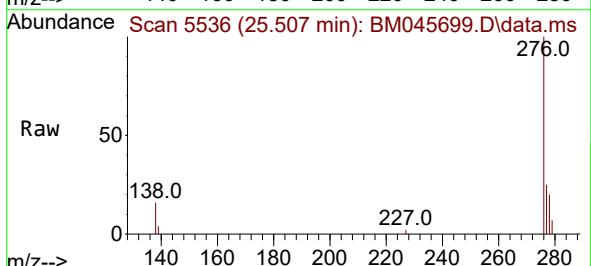
Tgt Ion:278 Resp: 2240

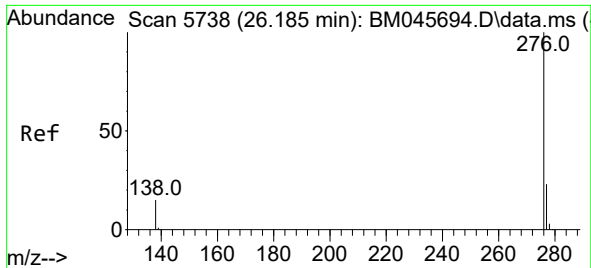
Ion Ratio Lower Upper

278 100

139 19.9 16.9 25.3

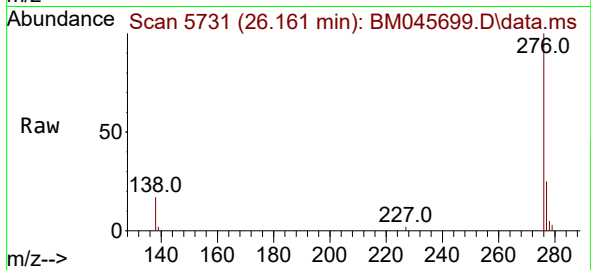
279 35.0 31.8 47.8





#29
Benzo(g,h,i)perylene
Concen: 1.127 ng/ul
RT: 26.161 min Scan# 51
Delta R.T. -0.064 min
Lab File: BM045699.D
Acq: 03 May 2024 17:04

Instrument :
BNA_M
ClientSampleId :
C0SA1DL



Tgt Ion:276 Resp: 1096
Ion Ratio Lower Upper
276 100
138 16.7 18.8 28.2
277 25.2 27.1 40.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/06/2024

