

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041055.D
 Acq On : 22 Jul 2023 15:11
 Operator : MA/JU
 Sample : 03472-34DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46S4DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 22:36:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 22 22:33:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	400	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.675	136	1448	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.518	164	749	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	1561	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.469	240	1599	0.400	ng/ul	# 0.00
23) Perylene-d12	23.860	264	1351	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	376	0.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	105	0.054	ng/ul	0.01
18) Fluoranthene-d10	19.306	212	335	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.724	128	219	0.055	ng/ul#	11
10) Acenaphthylene	14.240	152	252	0.080	ng/ul#	16
11) Acenaphthene	14.578	153	106	0.038	ng/ul#	84
12) Fluorene	15.573	166	186	0.065	ng/ul#	73
15) Phenanthrene	17.316	178	2537	0.544	ng/ul#	87
16) Anthracene	17.409	178	416	0.114	ng/ul#	29
19) Fluoranthene	19.334	202	4634	0.561	ng/ul	99
20) Pyrene	19.696	202	3531	0.419	ng/ul	99
21) Benzo(a)anthracene	21.454	228	2001	0.411	ng/ul#	82
22) Chrysene	21.504	228	2131	0.383	ng/ul#	88
24) Benzo(b)fluoranthene	23.135	252	2547	0.491	ng/ul#	37
25) Benzo(k)fluoranthene	23.173	252	1200m	0.244	ng/ul	
26) Benzo(a)pyrene	23.754	252	364	0.081	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.334	276	875	0.147	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.344	278	303	0.067	ng/ul#	1
29) Benzo(g,h,i)perylene	27.092	276	168	0.031	ng/ul#	1

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

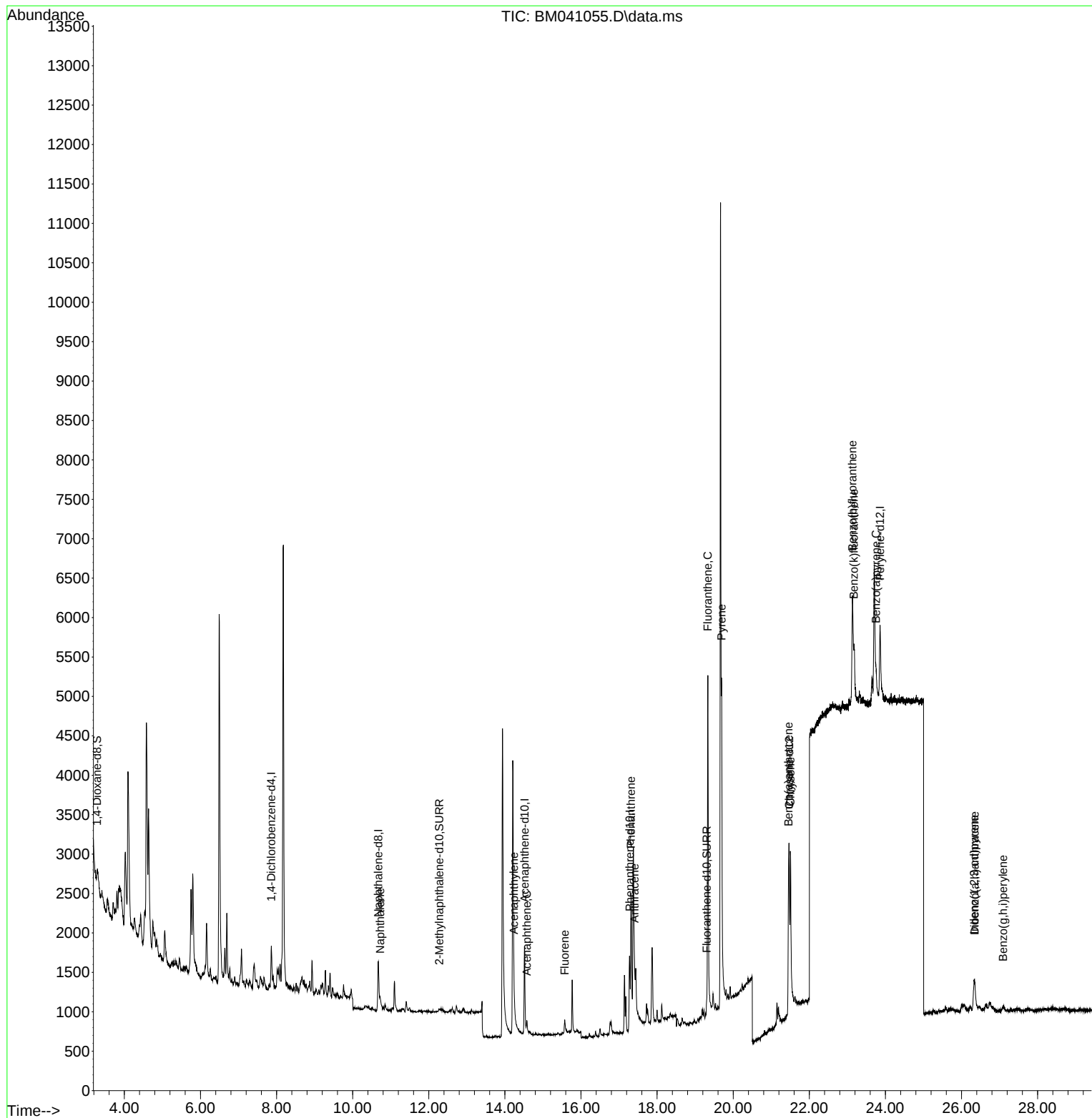
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041055.D
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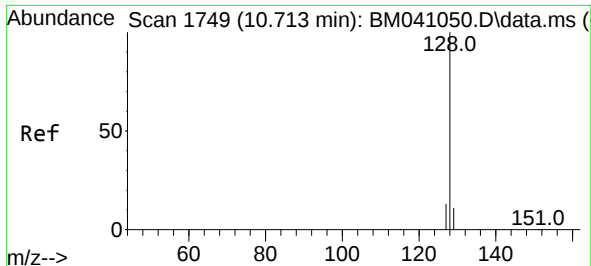
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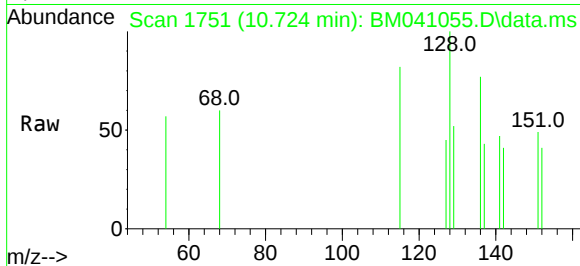
Quant Time: Jul 22 22:36:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
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#5
Naphthalene
Concen: 0.055 ng/u1
RT: 10.724 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

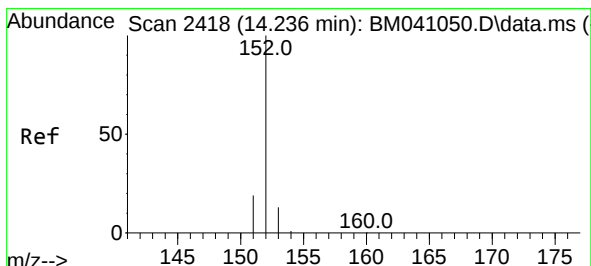
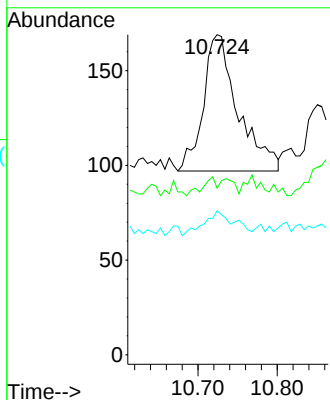
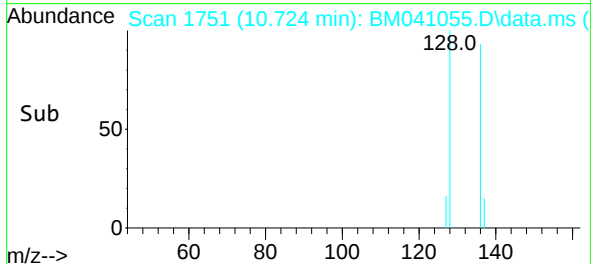
Instrument :
BNA_M
ClientSampleId :
A46S4DL



Tgt Ion:128 Resp: 219
Ion Ratio Lower Upper
128 100
129 52.1 9.8 14.8#
127 45.0 11.0 16.4#

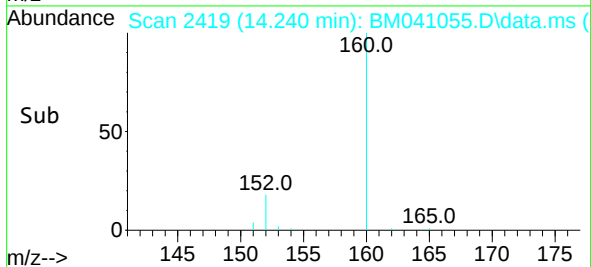
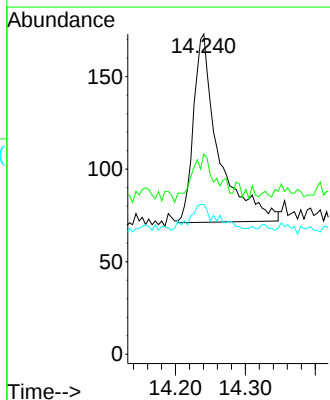
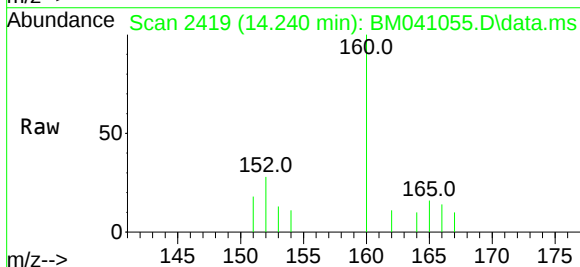
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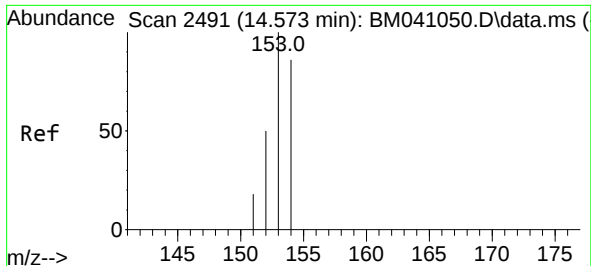
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.080 ng/u1
RT: 14.240 min Scan# 2419
Delta R.T. 0.005 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

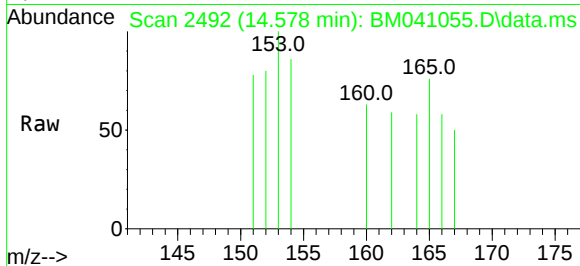
Tgt Ion:152 Resp: 252
Ion Ratio Lower Upper
152 100
151 62.4 16.8 25.2#
153 46.8 11.6 17.4#





#11
Acenaphthene
Concen: 0.038 ng/u1
RT: 14.578 min Scan# 2491
Delta R.T. 0.005 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

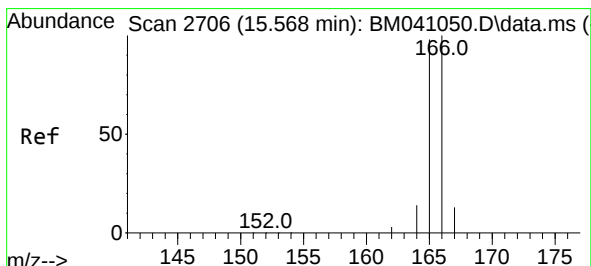
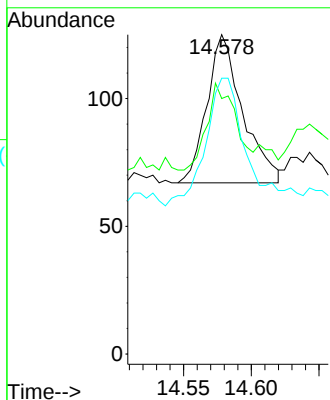
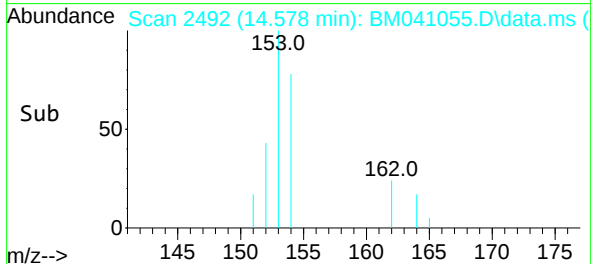
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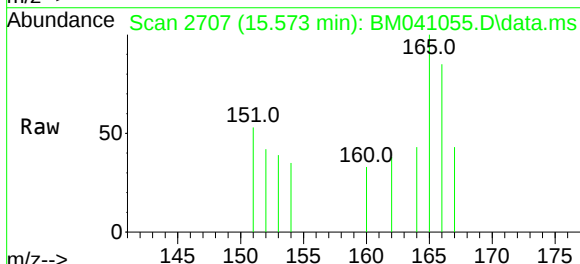
Tgt Ion:153 Resp: 100
Ion Ratio Lower Upper
153 100
152 80.0 41.0 61.6
154 86.4 68.2 102.2

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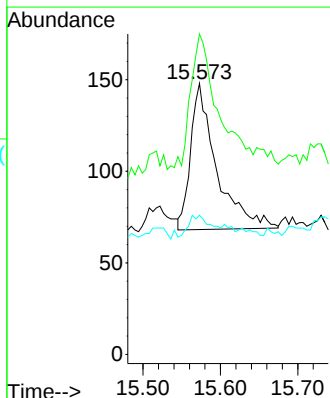
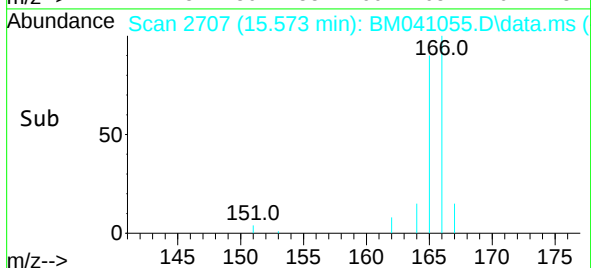
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

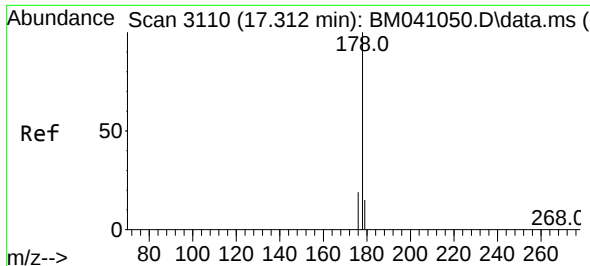


#12
Fluorene
Concen: 0.065 ng/u1
RT: 15.573 min Scan# 2707
Delta R.T. 0.000 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11



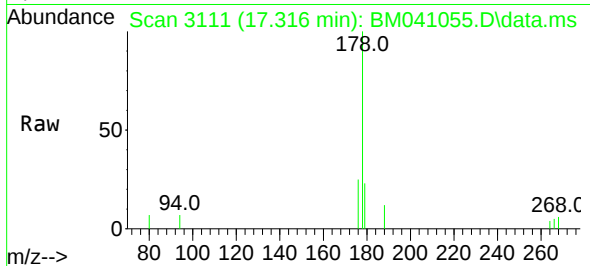
Tgt Ion:166 Resp: 186
Ion Ratio Lower Upper
166 100
165 118.2 80.3 120.5
167 51.4 11.7 17.5#





#15
Phenanthrene
Concen: 0.544 ng/u1
RT: 17.316 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

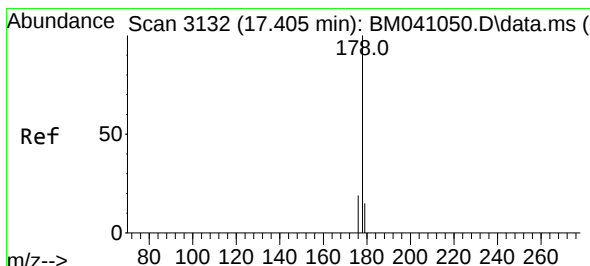
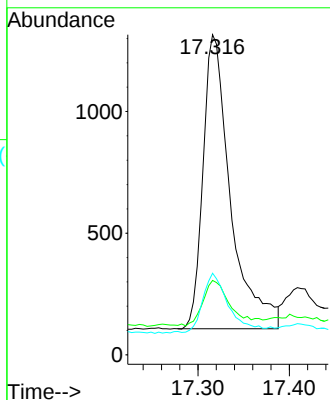
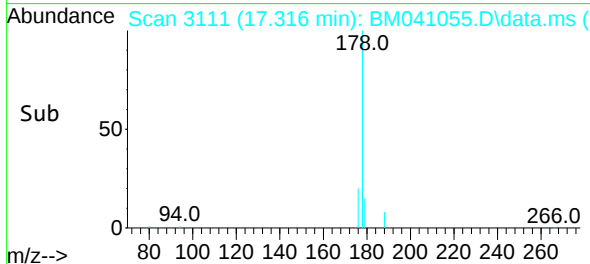
Instrument :
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Tgt Ion:178 Resp: 253
Ion Ratio Lower Upper
178 100
179 23.3 13.0 19.6
176 25.5 16.2 24.4

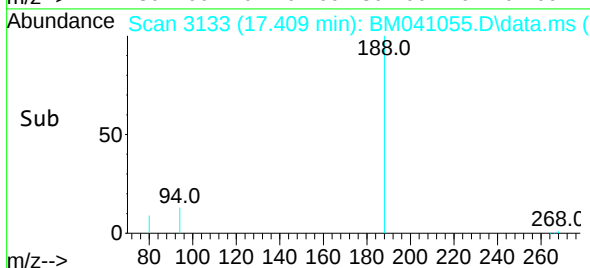
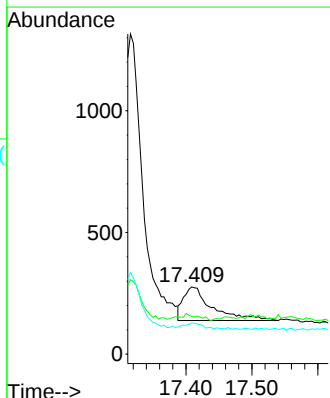
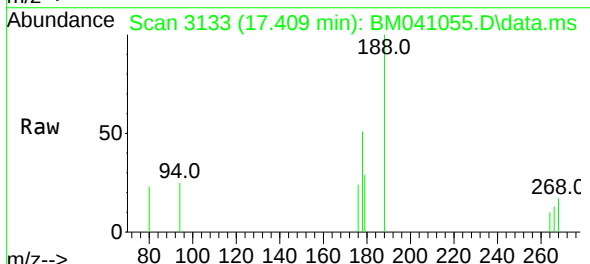
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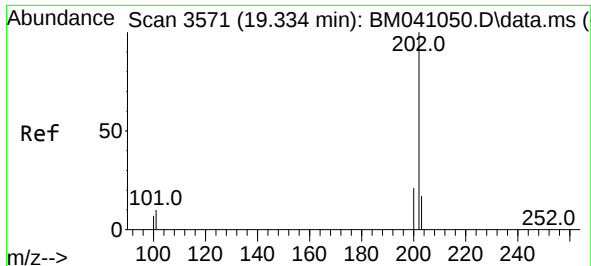
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 0.114 ng/u1
RT: 17.409 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

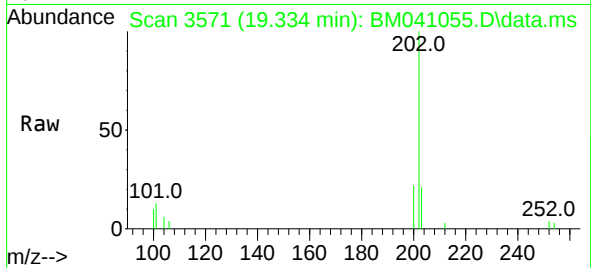
Tgt Ion:178 Resp: 416
Ion Ratio Lower Upper
178 100
179 55.8 13.7 20.5#
176 46.4 16.4 24.6#





#19
Fluoranthene
Concen: 0.561 ng/u1
RT: 19.334 min Scan# 3571
Delta R.T. 0.000 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

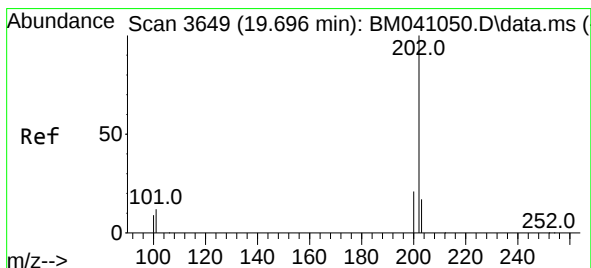
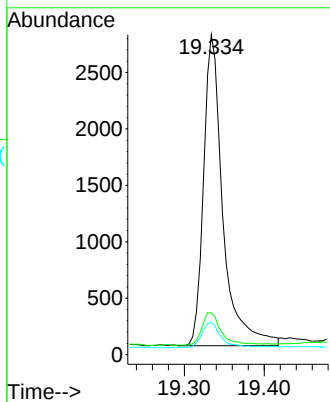
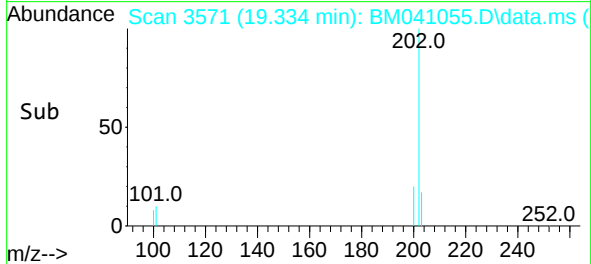
Instrument :
BNA_M
ClientSampleId :
A46S4DL



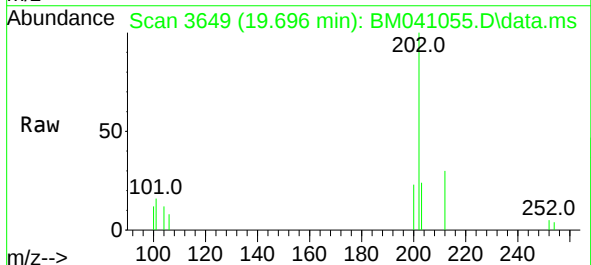
Tgt Ion:202 Resp: 4634
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.1 8.3 12.5

Manual Integrations
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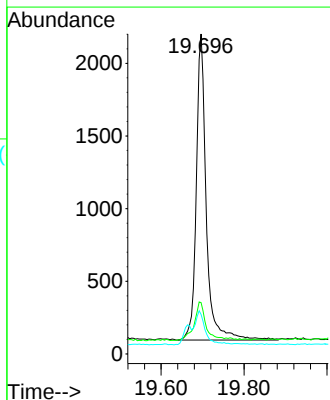
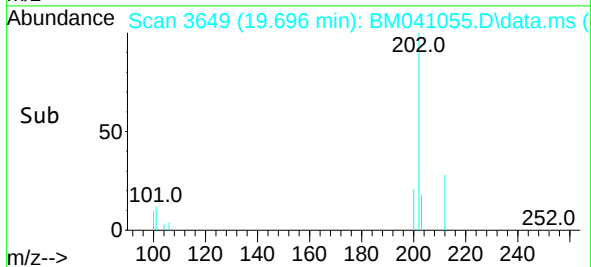
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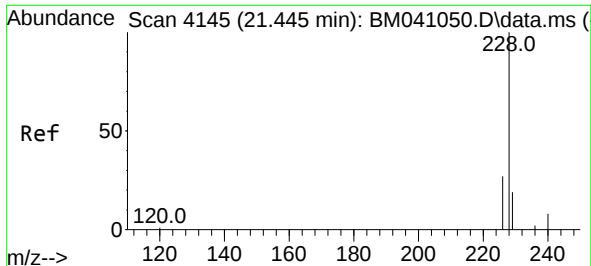


#20
Pyrene
Concen: 0.419 ng/u1
RT: 19.696 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11



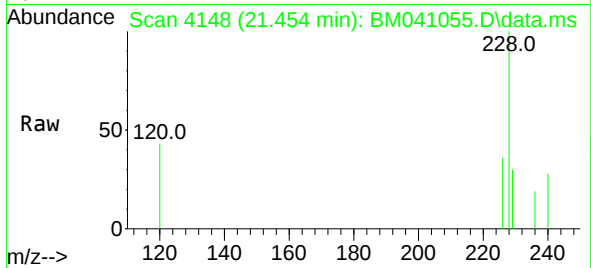
Tgt Ion:202 Resp: 3531
Ion Ratio Lower Upper
202 100
101 16.1 12.5 18.7
100 12.4 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.411 ng/ul
RT: 21.454 min Scan# 4145
Delta R.T. 0.006 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

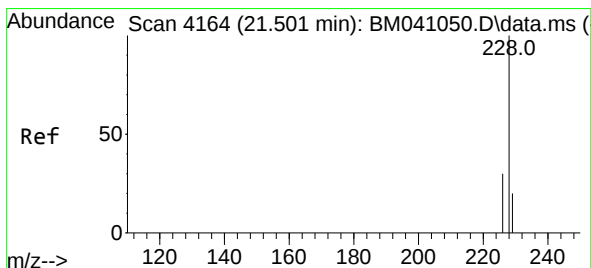
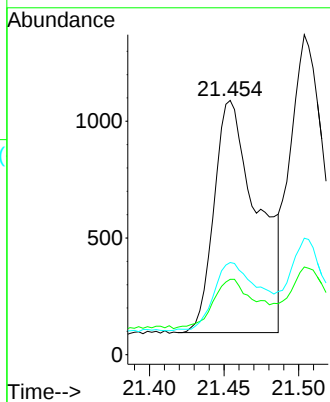
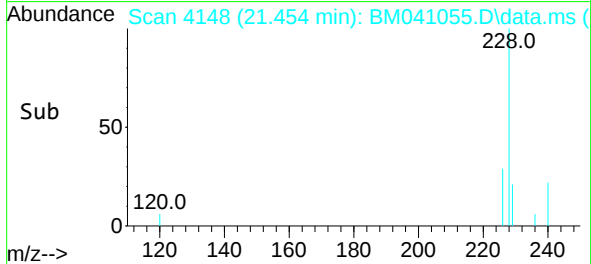
Instrument :
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Tgt Ion:228 Resp: 200
Ion Ratio Lower Upper
228 100
229 29.7 16.2 24.4
226 36.3 22.3 33.5

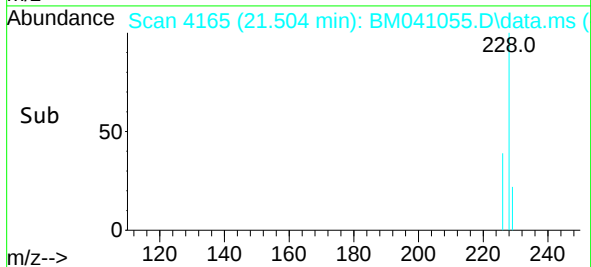
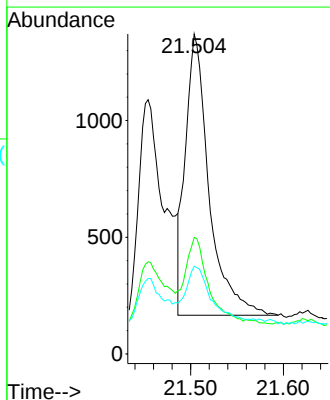
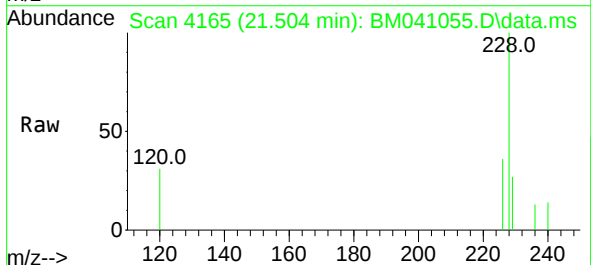
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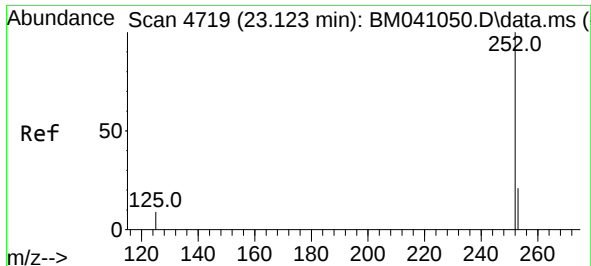
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 0.383 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. 0.003 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

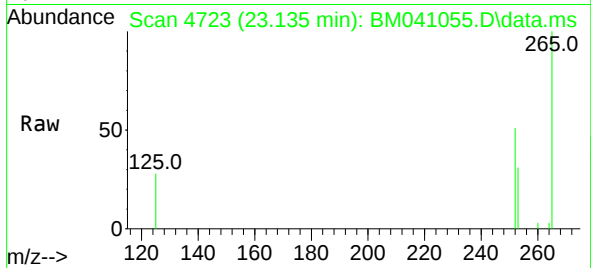
Tgt Ion:228 Resp: 2131
Ion Ratio Lower Upper
228 100
226 36.4 24.6 37.0
229 27.4 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 0.491 ng/ul
RT: 23.135 min Scan# 4719
Delta R.T. 0.009 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

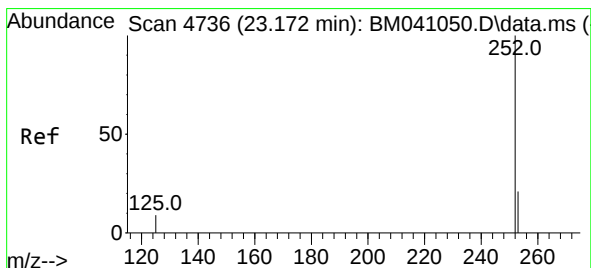
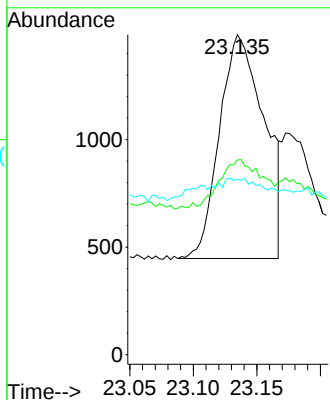
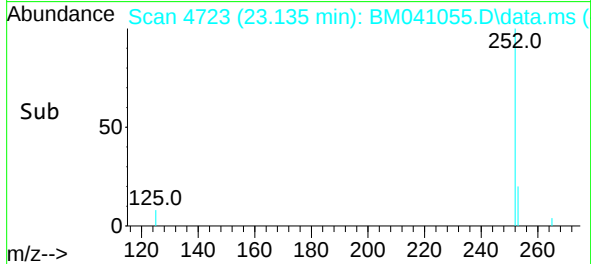
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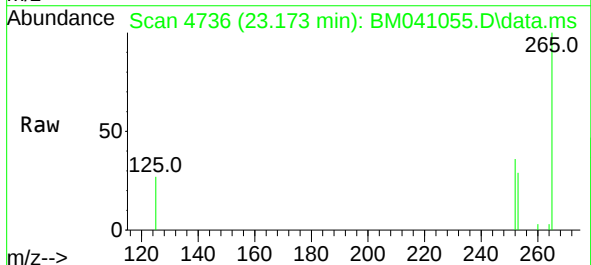
Tgt Ion:252 Resp: 254
Ion Ratio Lower Upper
252 100
253 60.8 0.0 57.4#
125 54.8 0.0 45.2#

Manual Integrations
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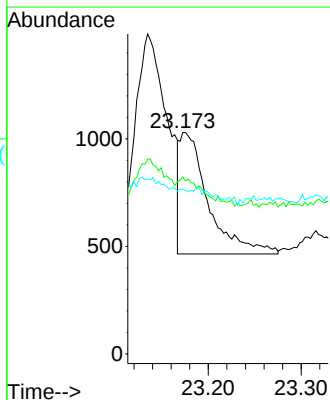
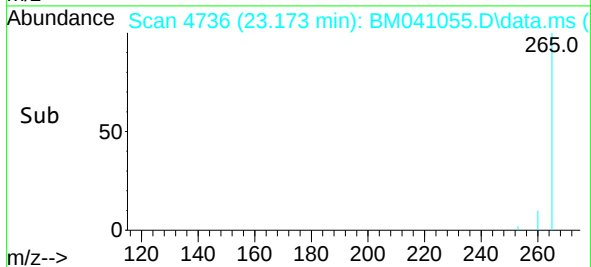
Reviewed By :Yogesh Patel 07/24/2023
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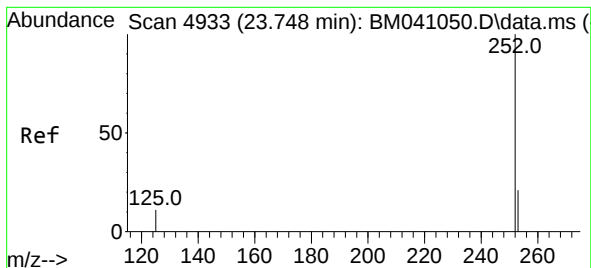


#25
Benzo(k)fluoranthene
Concen: 0.244 ng/ul m
RT: 23.173 min Scan# 4736
Delta R.T. 0.000 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11



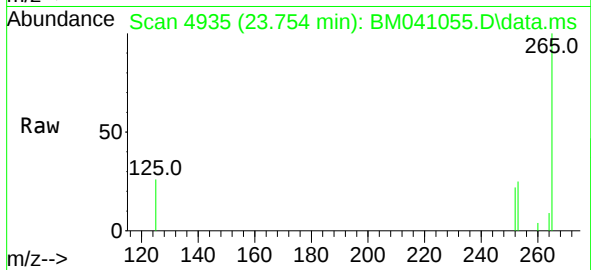
Tgt Ion:252 Resp: 1200
Ion Ratio Lower Upper
252 100
253 79.9 23.3 34.9#
125 74.3 18.2 27.2#





#26
Benzo(a)pyrene
Concen: 0.081 ng/u1
RT: 23.754 min Scan# 4935
Delta R.T. 0.006 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

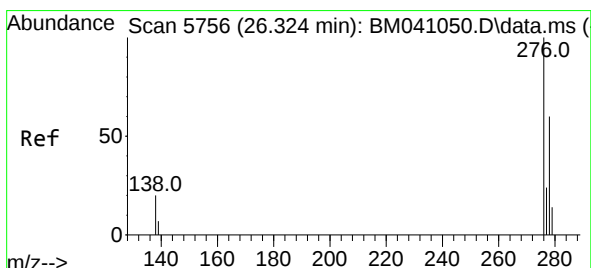
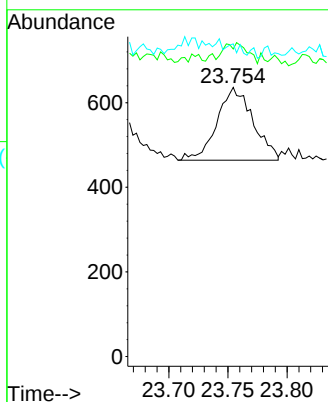
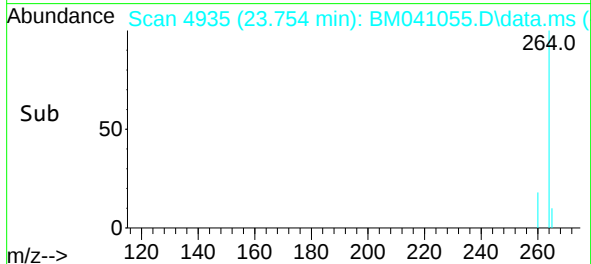
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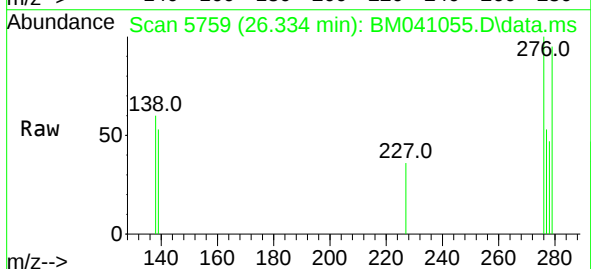
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Ion Ratio Lower Upper
252 100
253 114.3 28.2 42.2#
125 116.2 25.2 37.8#

Manual Integrations
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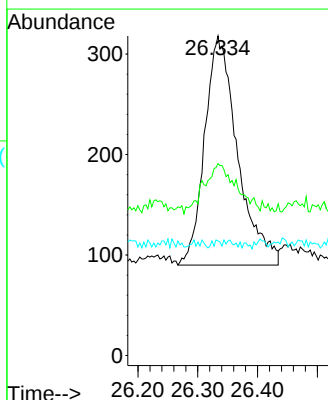
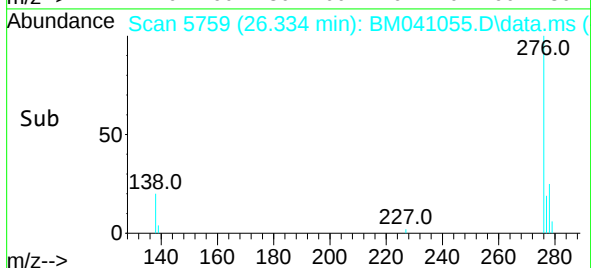
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

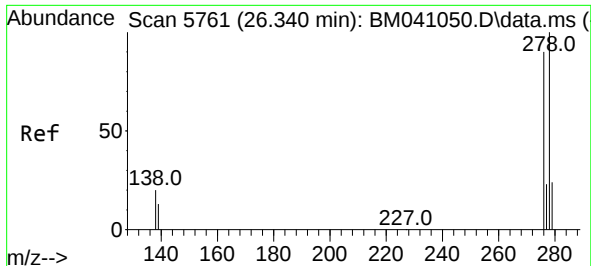


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.147 ng/u1
RT: 26.334 min Scan# 5759
Delta R.T. 0.007 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11



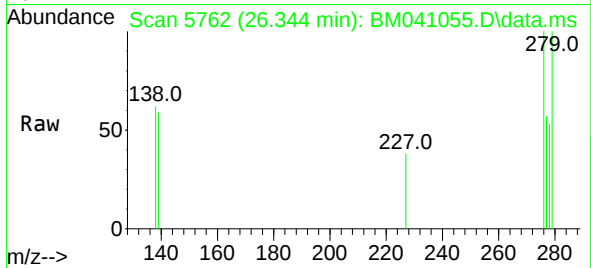
Tgt Ion:276 Resp: 875
Ion Ratio Lower Upper
276 100
138 15.7 22.3 33.5#
227 0.8 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 26.344 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11

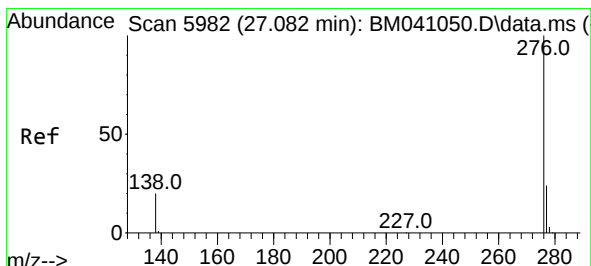
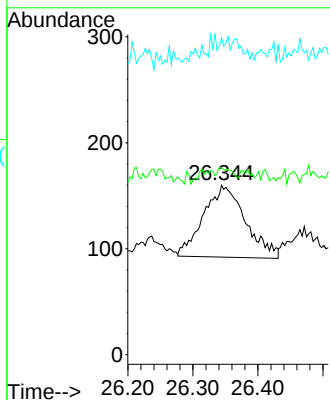
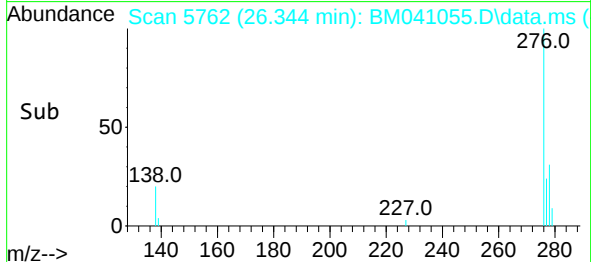
Instrument :
BNA_M
ClientSampleId :
A46S4DL



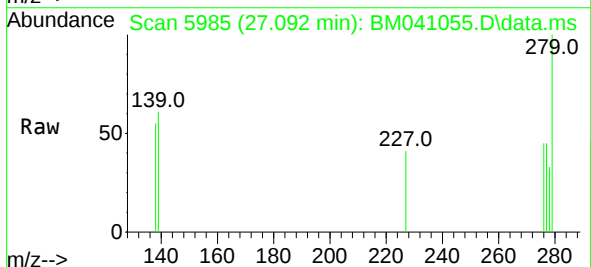
Tgt Ion:278 Resp: 300
Ion Ratio Lower Upper
278 100
139 110.0 19.2 28.8#
279 186.9 27.0 40.6#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 27.092 min Scan# 5985
Delta R.T. 0.007 min
Lab File: BM041055.D
Acq: 22 Jul 2023 15:11



Tgt Ion:276 Resp: 168
Ion Ratio Lower Upper
276 100
138 121.9 22.6 34.0#
277 99.2 21.2 31.8#

