

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041088.D
 Acq On : 24 Jul 2023 23:12
 Operator : MA/JU
 Sample : 03534-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4723

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2023
 Supervised By :mohammad ahmed 07/25/2023

Quant Time: Jul 25 00:31:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 00:13:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	3313	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	10930	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.495	164	5359	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	11509	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	10548	0.400	ng/ul	0.00
23) Perylene-d12	23.831	264	13143	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.250	96	19689	3.852	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	4013	0.257	ng/ul	0.00
18) Fluoranthene-d10	19.287	212	8054	0.281	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.686	128	1093	0.031	ng/ul#	76
10) Acenaphthylene	14.213	152	1103	0.049	ng/ul#	80
11) Acenaphthene	14.555	153	560	0.029	ng/ul	93
12) Fluorene	15.545	166	744	0.036	ng/ul#	96
15) Phenanthrene	17.291	178	9687	0.273	ng/ul	99
16) Anthracene	17.384	178	2517	0.088	ng/ul#	87
19) Fluoranthene	19.315	202	16936	0.448	ng/ul	99
20) Pyrene	19.678	202	15125m	0.363	ng/ul	
21) Benzo(a)anthracene	21.434	228	8960	0.254	ng/ul	95
22) Chrysene	21.486	228	8566	0.210	ng/ul	96
24) Benzo(b)fluoranthene	23.105	252	11745	0.224	ng/ul	88
25) Benzo(k)fluoranthene	23.149	252	4817m	0.096	ng/ul	
26) Benzo(a)pyrene	23.719	252	8092	0.191	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.297	276	6405	0.102	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.307	278	1607	0.033	ng/ul#	23
29) Benzo(g,h,i)perylene	27.052	276	6569	0.117	ng/ul	92

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

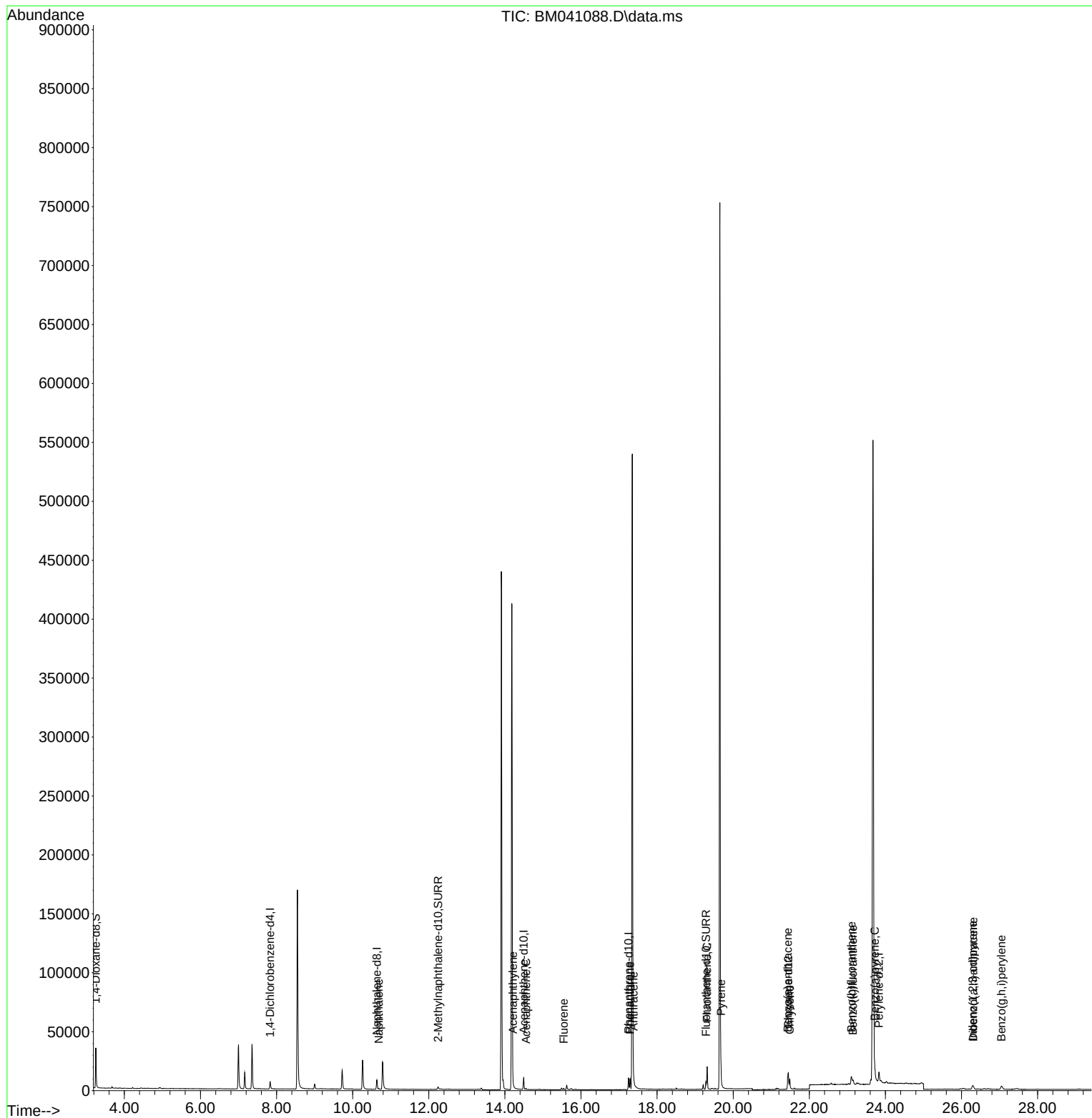
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
Data File : BM041088.D
Acq On : 24 Jul 2023 23:12
Operator : MA/JU
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ALS Vial : 11 Sample Multiplier: 1

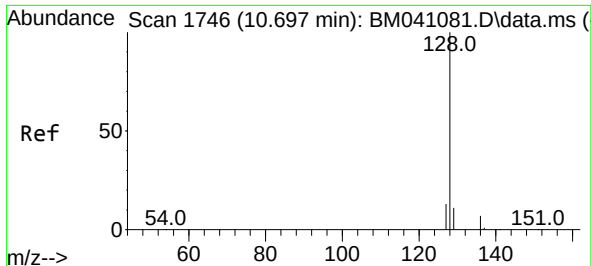
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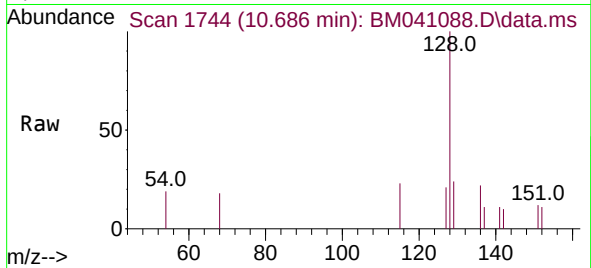
Quant Time: Jul 25 00:31:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 00:13:11 2023
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#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.686 min Scan# 1744
Delta R.T. -0.011 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

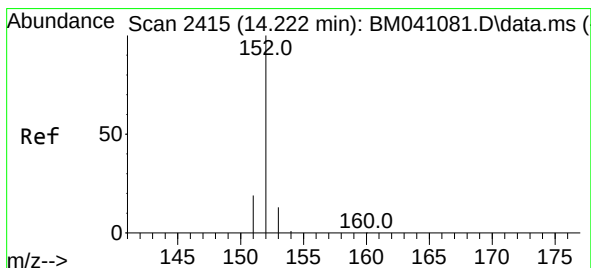
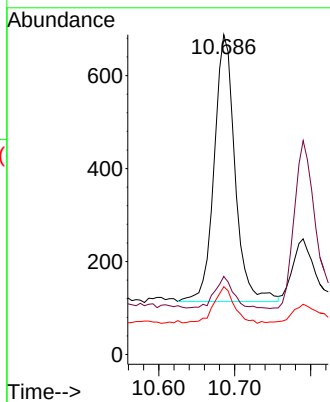
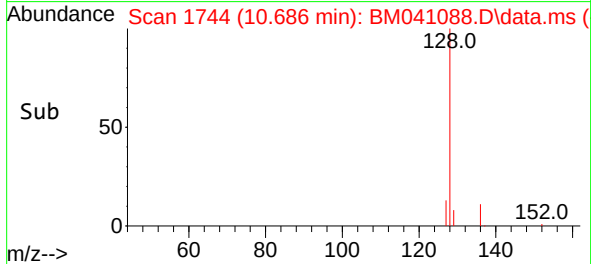
Instrument :
BNA_M
ClientSampleId :
A4723



Tgt Ion:128 Resp: 1093
Ion Ratio Lower Upper
128 100
129 24.4 9.8 14.8#
127 21.2 11.1 16.7#

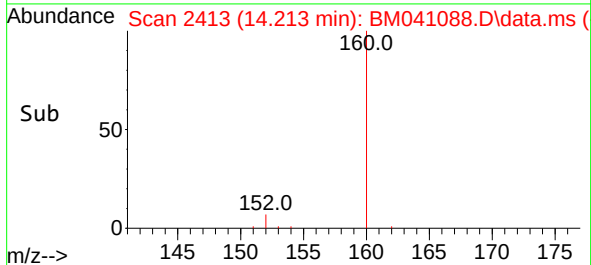
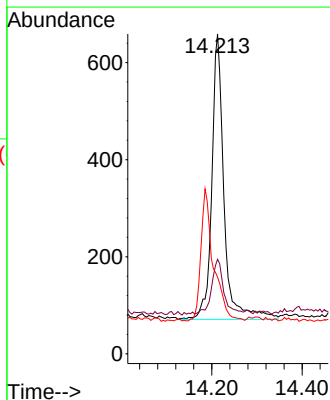
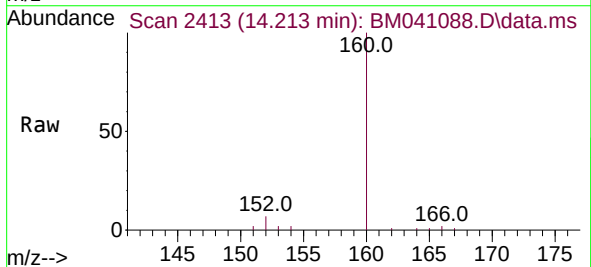
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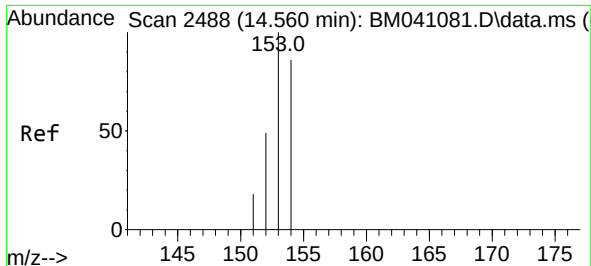
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.213 min Scan# 2413
Delta R.T. -0.004 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

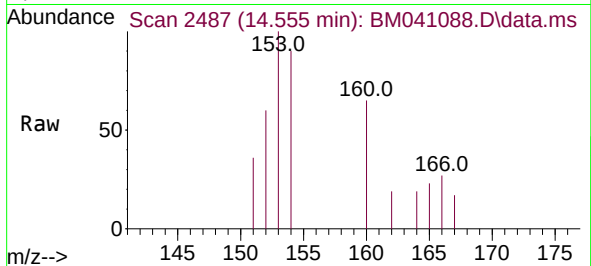
Tgt Ion:152 Resp: 1103
Ion Ratio Lower Upper
152 100
151 29.6 16.8 25.2#
153 24.0 11.4 17.2#





#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.555 min Scan# 2487
Delta R.T. -0.004 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

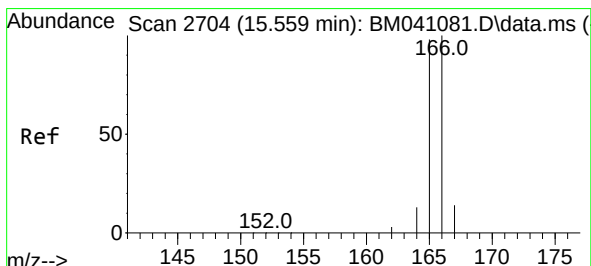
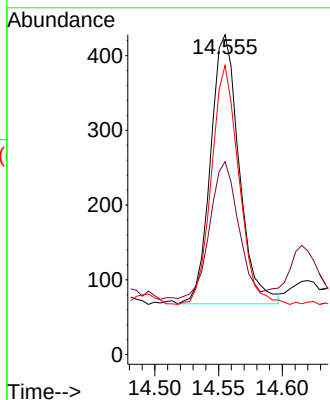
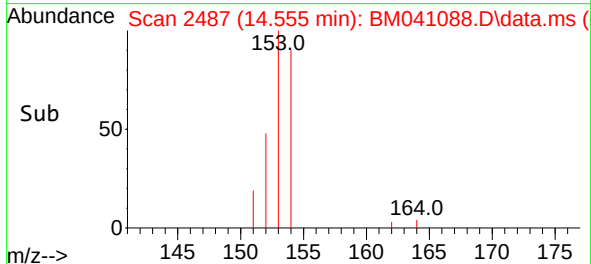
Instrument :
BNA_M
ClientSampleId :
A4723



Tgt Ion:153 Resp: 560
Ion Ratio Lower Upper
153 100
152 60.3 40.2 60.4
154 90.4 70.3 105.5

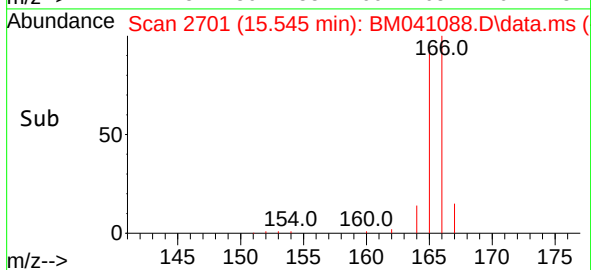
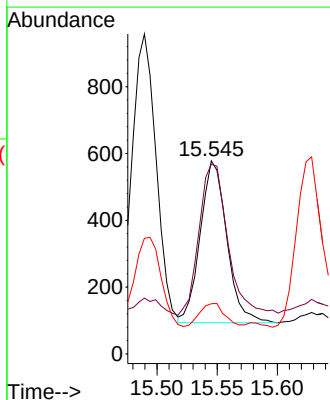
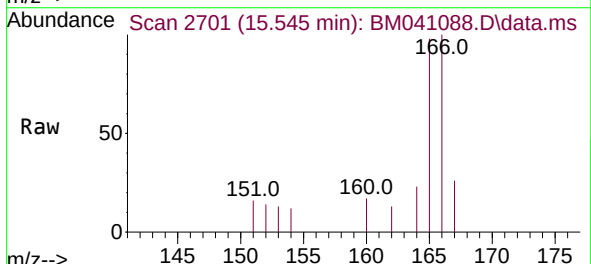
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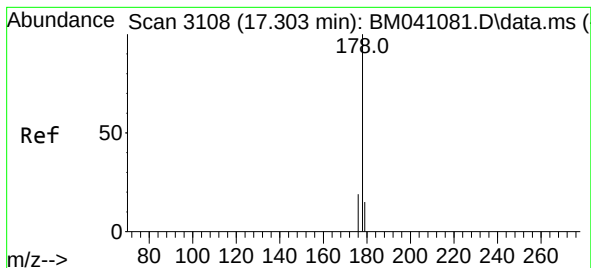
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.545 min Scan# 2701
Delta R.T. -0.009 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Tgt Ion:166 Resp: 744
Ion Ratio Lower Upper
166 100
165 98.3 79.4 119.0
167 26.0 11.4 17.2#





#15

Phenanthrene

Concen: 0.273 ng/ul

RT: 17.291 min Scan# 3105

Delta R.T. -0.008 min

Lab File: BM041088.D

Acq: 24 Jul 2023 23:12

Instrument :

BNA_M

ClientSampleId :

A4723

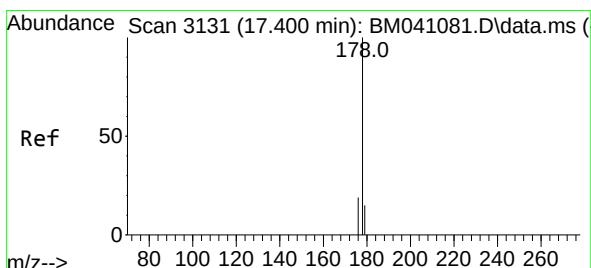
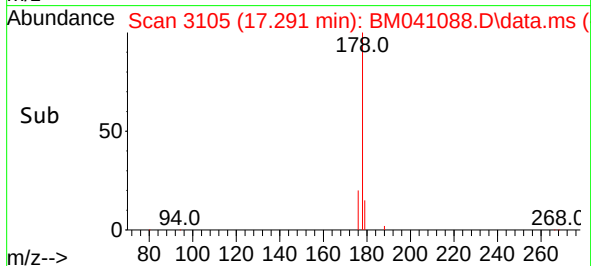
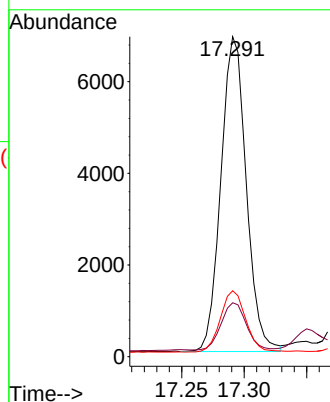
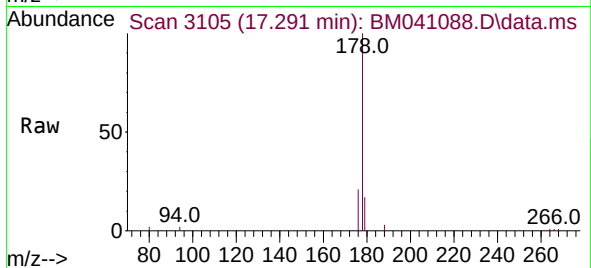
Tgt Ion:	178	Resp:	968
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.4	20.2
176	20.6	16.0	24.0

Manual Integrations

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Supervised By :mohammad ahmed 07/25/2023



#16

Anthracene

Concen: 0.088 ng/ul

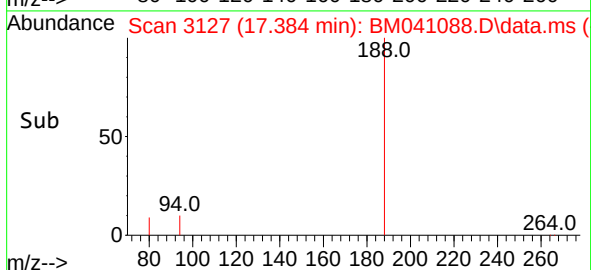
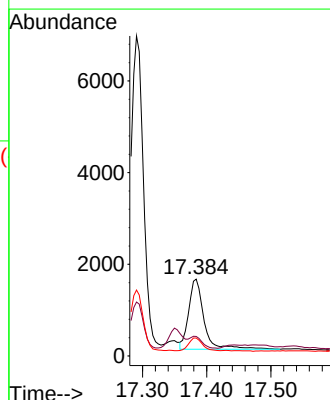
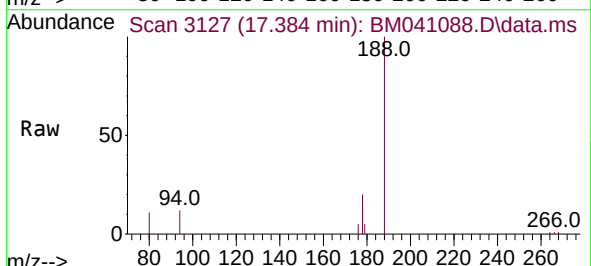
RT: 17.384 min Scan# 3127

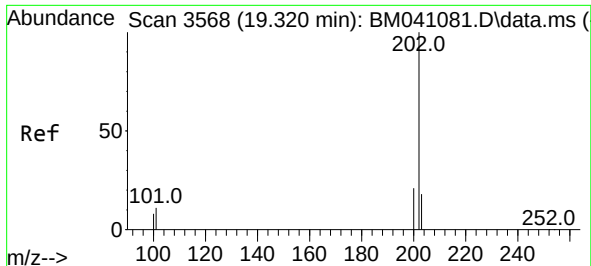
Delta R.T. -0.012 min

Lab File: BM041088.D

Acq: 24 Jul 2023 23:12

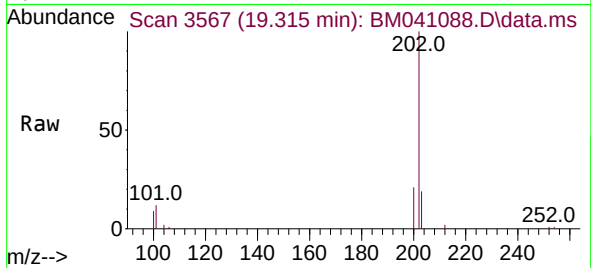
Tgt Ion:	178	Resp:	2517
Ion Ratio	Lower	Upper	
178	100		
179	25.4	13.6	20.4
176	23.3	16.0	24.0





#19
Fluoranthene
Concen: 0.448 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.004 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

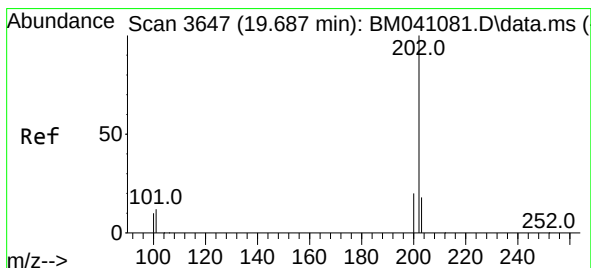
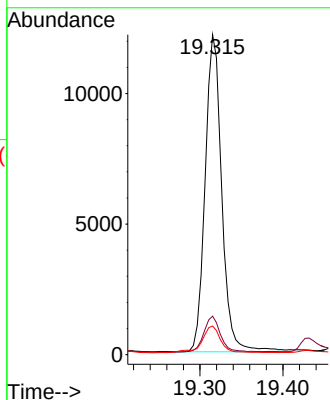
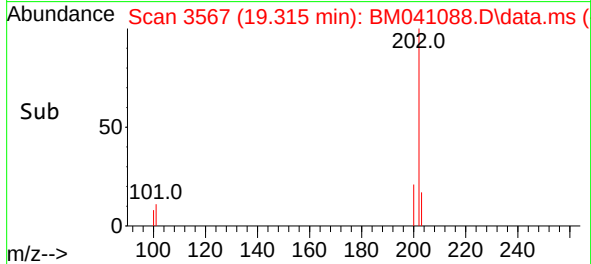
Instrument :
BNA_M
ClientSampleId :
A4723



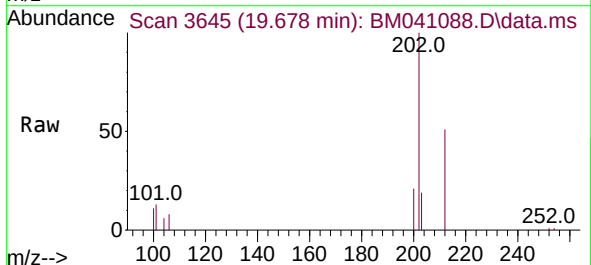
Tgt Ion:202 Resp: 16930
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.0
100 8.9 7.1 10.7

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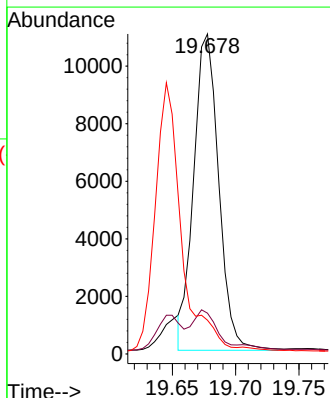
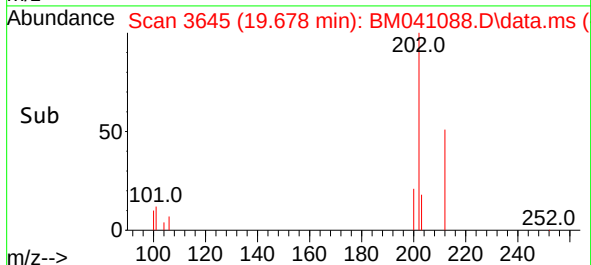
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Supervised By :mohammad ahmed 07/25/2023

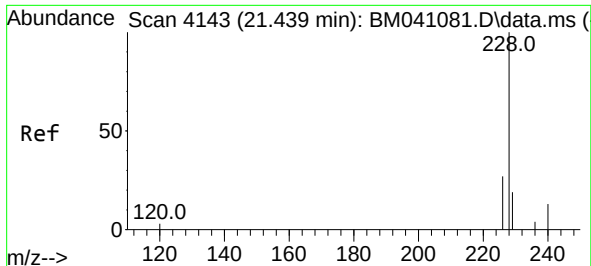


#20
Pyrene
Concen: 0.363 ng/ul m
RT: 19.678 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12



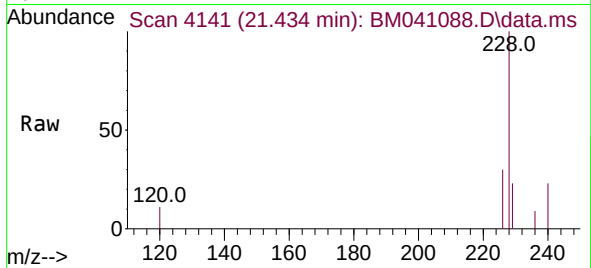
Tgt Ion:202 Resp: 15125
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 10.6 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.254 ng/ul
RT: 21.434 min Scan# 4143
Delta R.T. -0.009 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

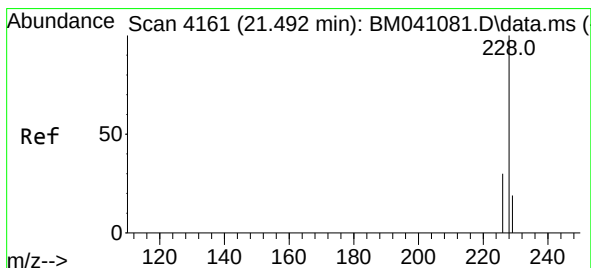
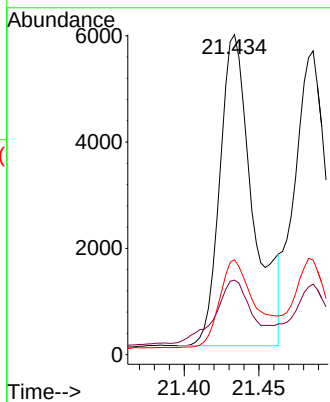
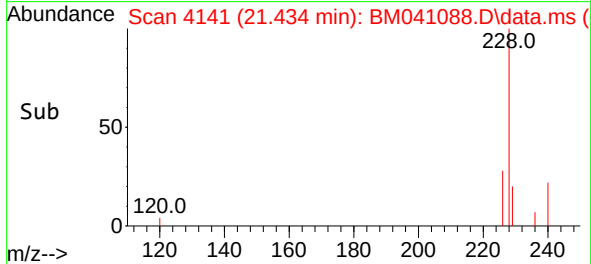
Instrument :
BNA_M
ClientSampleId :
A4723



Tgt Ion:228 Resp: 8960
Ion Ratio Lower Upper
228 100
229 23.3 16.5 24.7
226 29.6 22.2 33.2

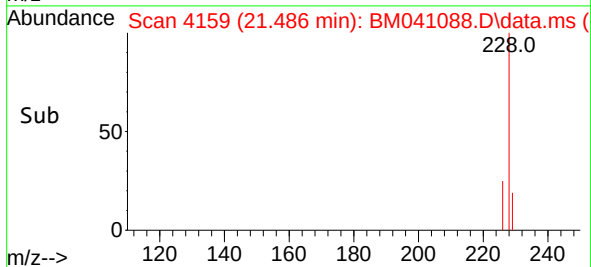
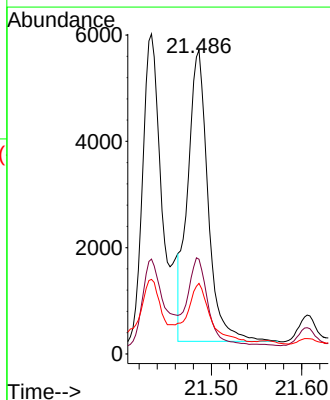
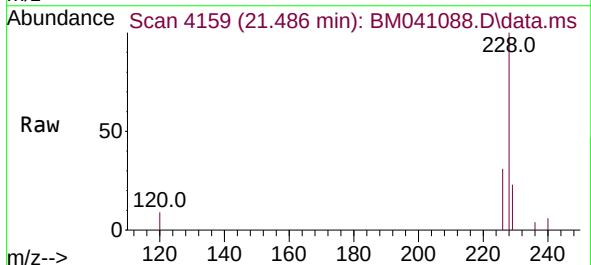
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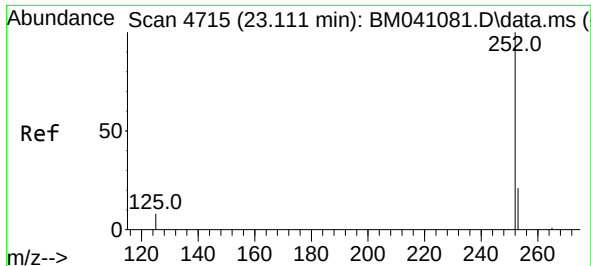
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#22
Chrysene
Concen: 0.210 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.009 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Tgt Ion:228 Resp: 8566
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.4
229 23.2 15.9 23.9





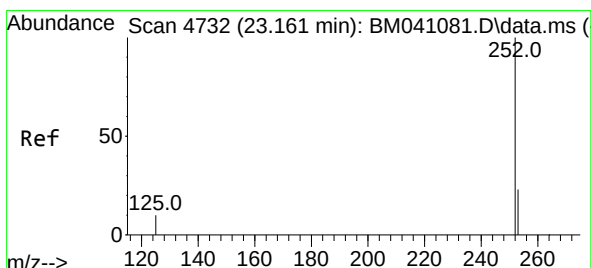
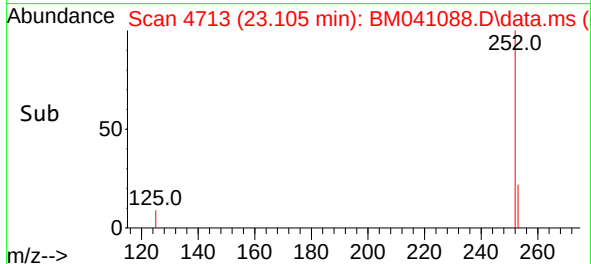
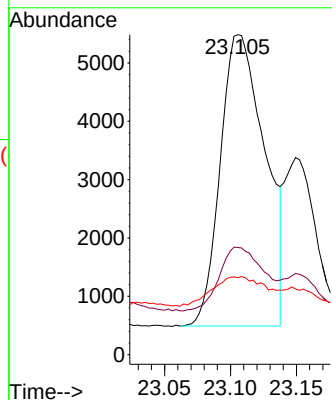
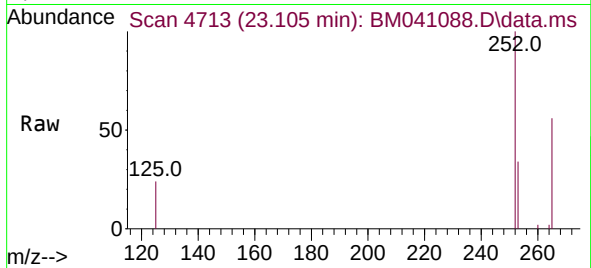
#24
Benzo(b)fluoranthene
Concen: 0.224 ng/ul
RT: 23.105 min Scan# 4713
Delta R.T. -0.012 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Instrument :
BNA_M
ClientSampleId :
A4723

Tgt Ion:252 Resp: 11745
Ion Ratio Lower Upper
252 100
253 33.5 0.0 57.6
125 24.1 0.0 33.6

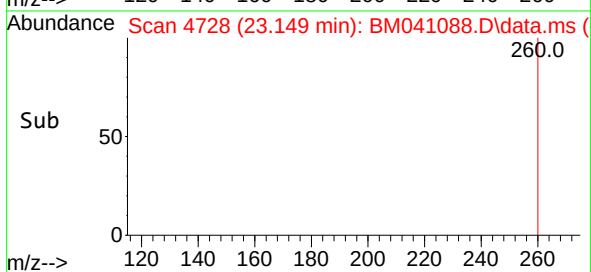
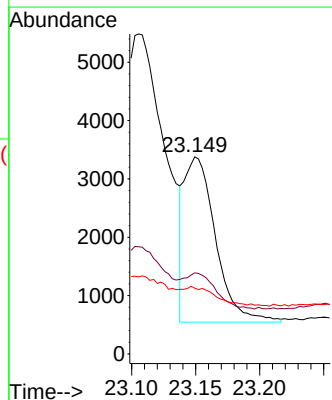
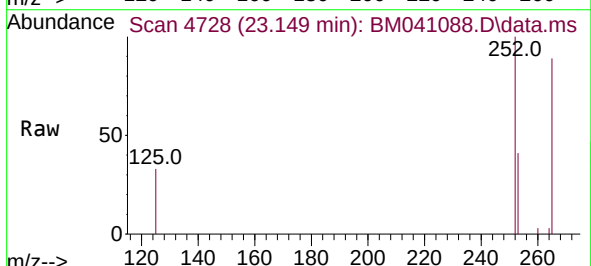
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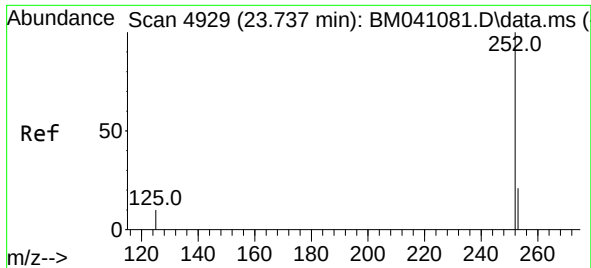
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 23.149 min Scan# 4728
Delta R.T. -0.014 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

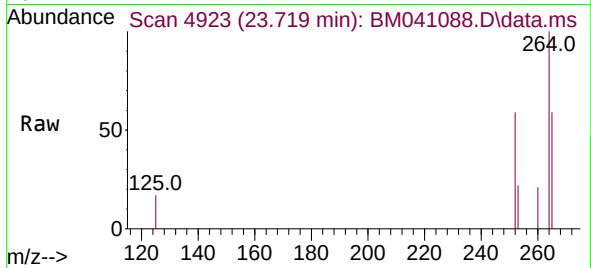
Tgt Ion:252 Resp: 4817
Ion Ratio Lower Upper
252 100
253 41.2 22.8 34.2#
125 33.4 13.5 20.3#





#26
Benzo(a)pyrene
Concen: 0.191 ng/ul
RT: 23.719 min Scan# 4929
Delta R.T. -0.020 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

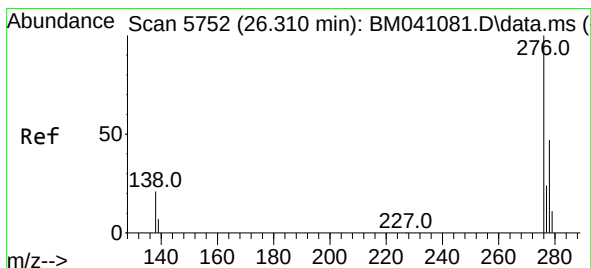
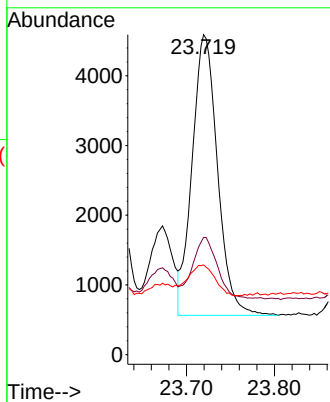
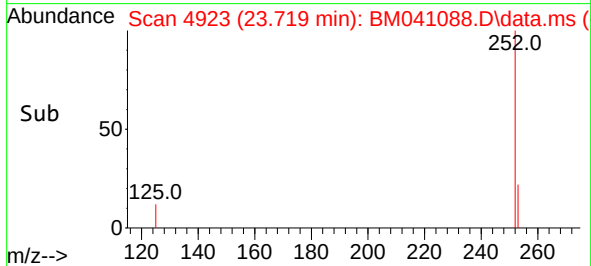
Instrument :
BNA_M
ClientSampleId :
A4723



Tgt Ion:252 Resp: 8092
Ion Ratio Lower Upper
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253 36.6 26.7 40.1
125 28.0 18.1 27.1

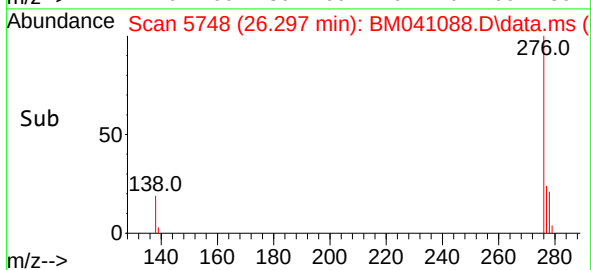
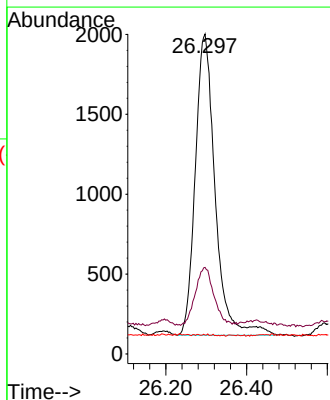
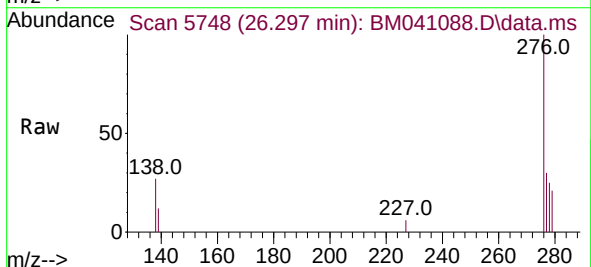
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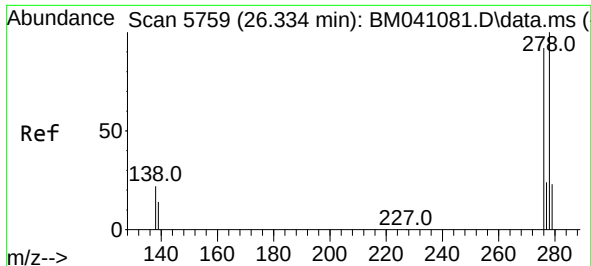
Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.102 ng/ul
RT: 26.297 min Scan# 5748
Delta R.T. -0.017 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

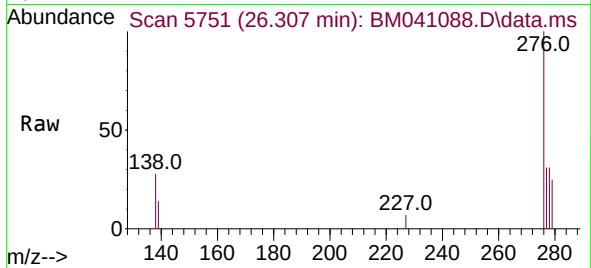
Tgt Ion:276 Resp: 6405
Ion Ratio Lower Upper
276 100
138 18.0 18.1 27.1#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 26.307 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

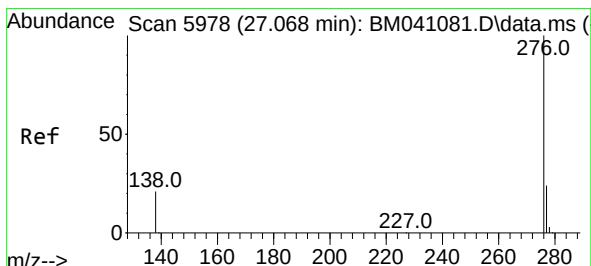
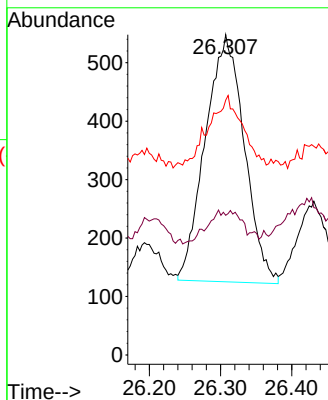
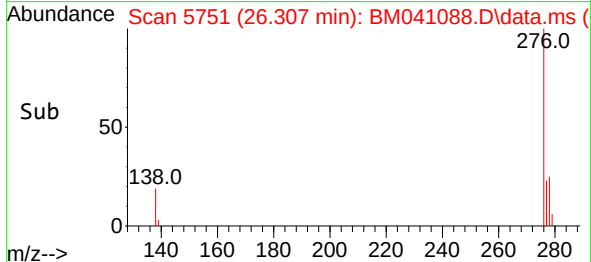
Instrument :
BNA_M
ClientSampleId :
A4723



Tgt Ion:278 Resp: 160
Ion Ratio Lower Upper
278 100
139 43.6 14.1 21.1
279 79.6 25.0 37.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.117 ng/ul
RT: 27.052 min Scan# 5973
Delta R.T. -0.017 min
Lab File: BM041088.D
Acq: 24 Jul 2023 23:12

Tgt Ion:276 Resp: 6569
Ion Ratio Lower Upper
276 100
138 27.2 18.2 27.2
277 28.9 20.6 30.8

