

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040879.D
 Acq On : 14 Jul 2023 15:02
 Operator : MA/JU
 Sample : 03418-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46J7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 03:15:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	4349	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	15317	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	7453	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	14656	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	9143	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	9721	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	24754	3.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	5815	0.271	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	9371	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	1078	0.026	ng/ul#	75
10) Acenaphthylene	14.227	152	2089	0.063	ng/ul#	87
11) Acenaphthene	14.569	153	663	0.024	ng/ul	94
12) Fluorene	15.559	166	1002	0.033	ng/ul#	95
15) Phenanthrene	17.299	178	19660	0.432	ng/ul	99
16) Anthracene	17.392	178	3221	0.084	ng/ul#	93
19) Fluoranthene	19.320	202	44365	1.142	ng/ul	97
20) Pyrene	19.682	202	39921	0.959	ng/ul	99
21) Benzo(a)anthracene	21.437	228	15299	0.495	ng/ul	96
22) Chrysene	21.486	228	17974	0.509	ng/ul	97
24) Benzo(b)fluoranthene	23.108	252	23598	0.627	ng/ul	99
25) Benzo(k)fluoranthene	23.152	252	8772m	0.237	ng/ul	
26) Benzo(a)pyrene	23.725	252	16118	0.476	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.287	276	12089	0.256	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.297	278	2852	0.077	ng/ul#	62
29) Benzo(g,h,i)perylene	27.048	276	13176	0.319	ng/ul	99

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

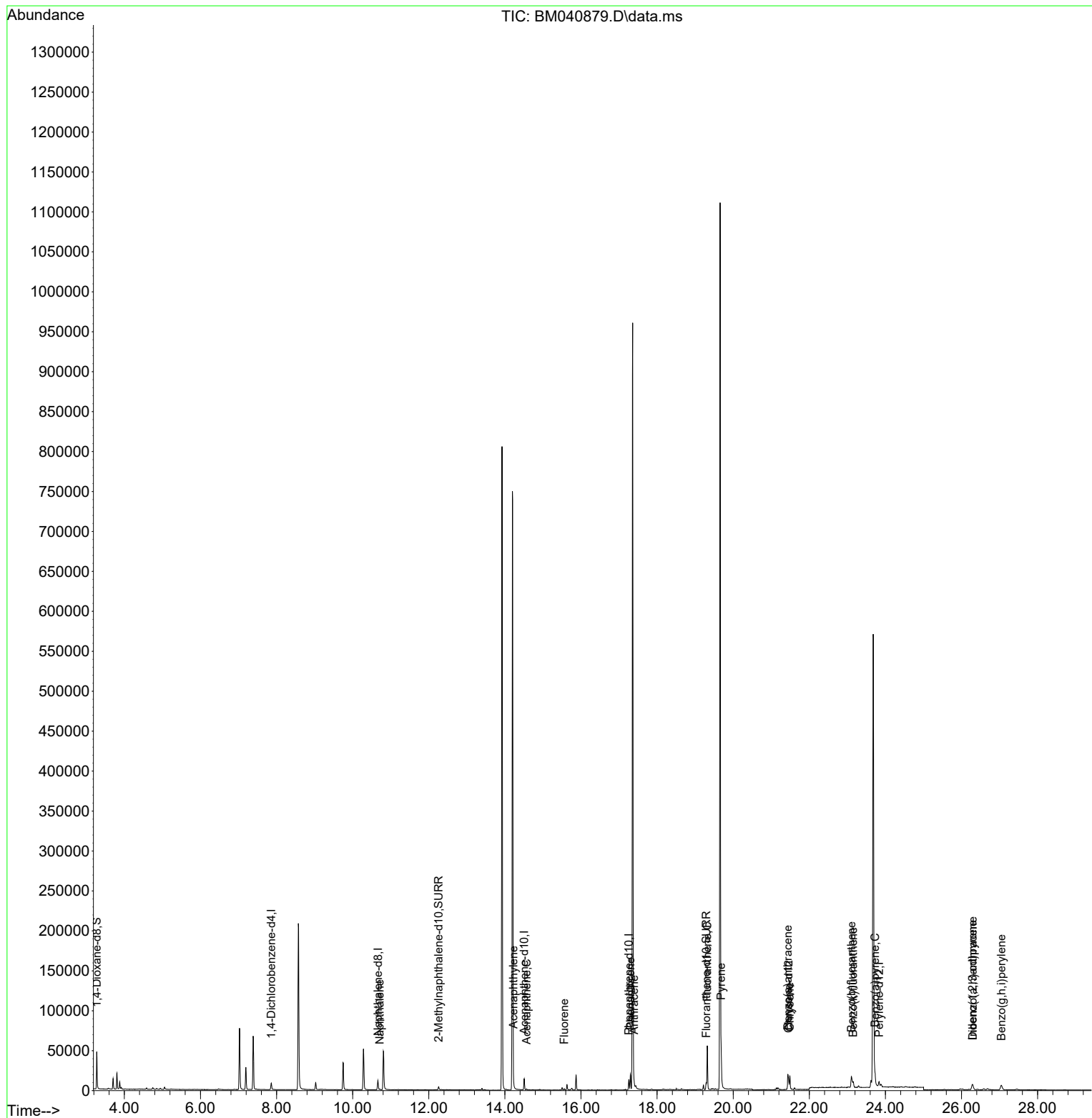
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
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Acq On : 14 Jul 2023 15:02
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ALS Vial : 11 Sample Multiplier: 1

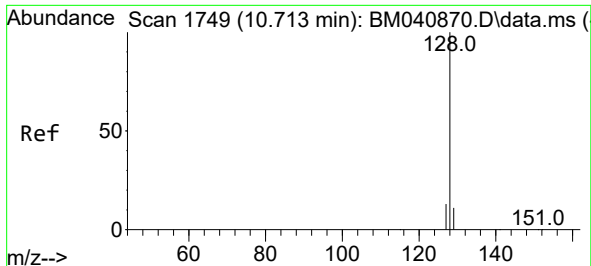
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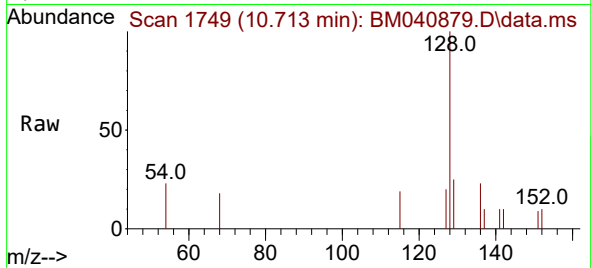
Quant Time: Jul 15 03:15:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

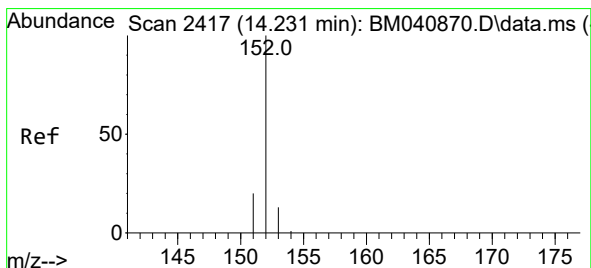
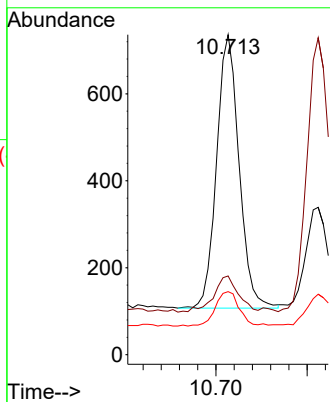
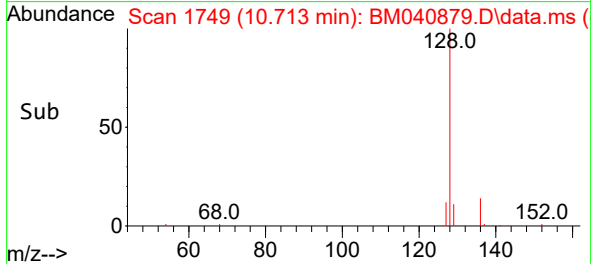
Instrument :
BNA_M
ClientSampleId :
A46J7



Tgt Ion:128 Resp: 1078
Ion Ratio Lower Upper
128 100
129 24.6 9.2 13.8#
127 19.7 10.6 15.8#

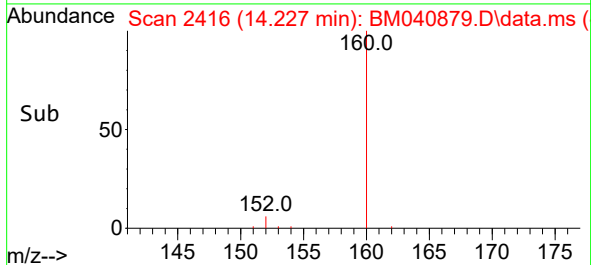
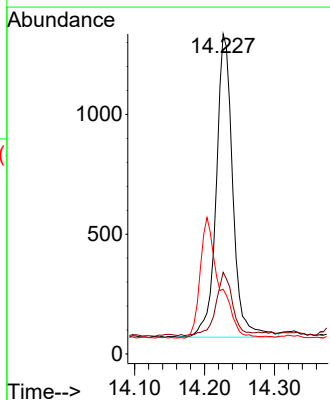
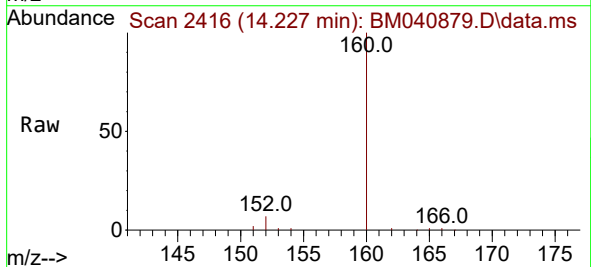
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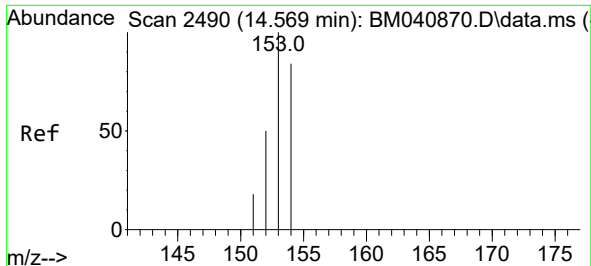
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.227 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

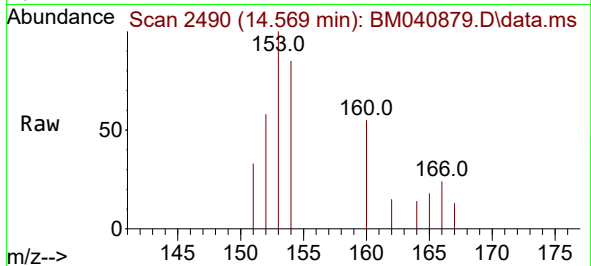
Tgt Ion:152 Resp: 2089
Ion Ratio Lower Upper
152 100
151 25.5 16.2 24.2#
153 20.2 10.9 16.3#





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. -0.004 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

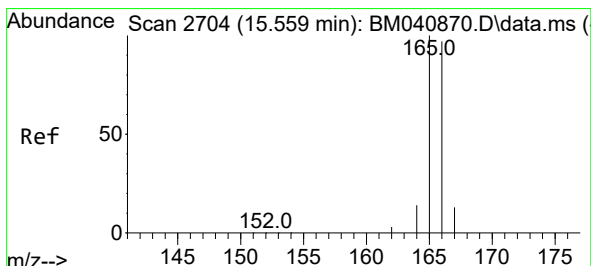
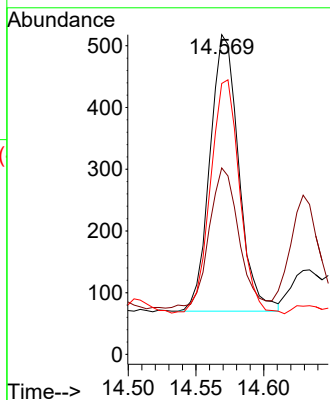
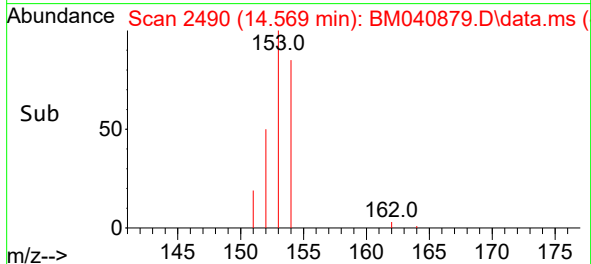
Instrument :
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Tgt Ion:153 Resp: 661
Ion Ratio Lower Upper
153 100
152 58.3 41.0 61.4
154 84.7 70.8 106.2

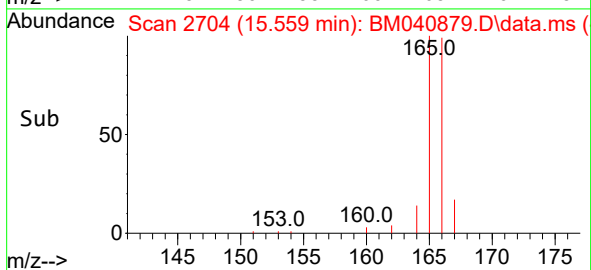
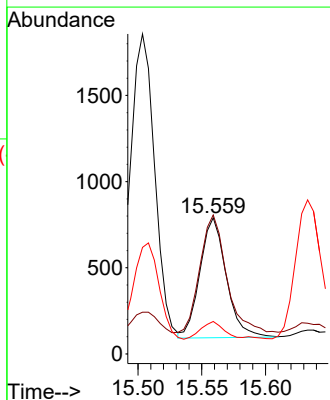
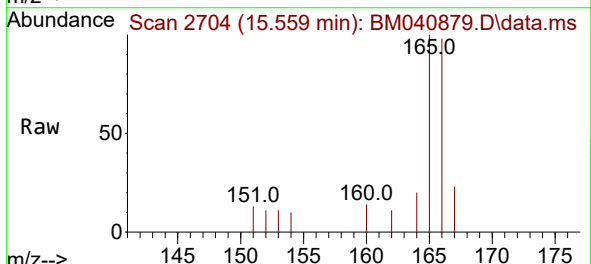
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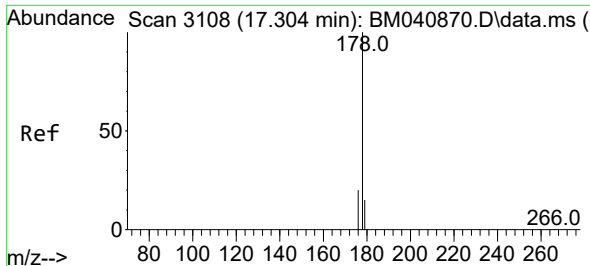
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.559 min Scan# 2704
Delta R.T. -0.004 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

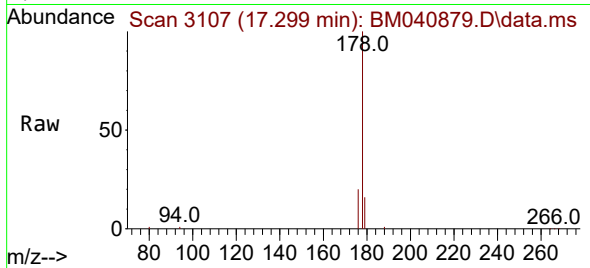
Tgt Ion:166 Resp: 1002
Ion Ratio Lower Upper
166 100
165 102.2 79.6 119.4
167 23.8 11.4 17.0#





#15
Phenanthrene
Concen: 0.432 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.008 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

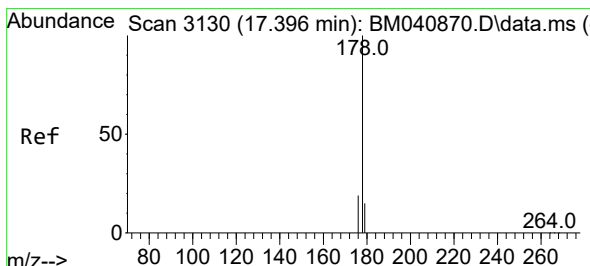
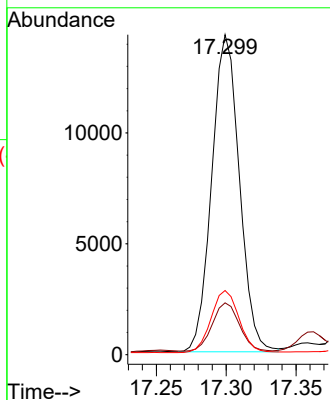
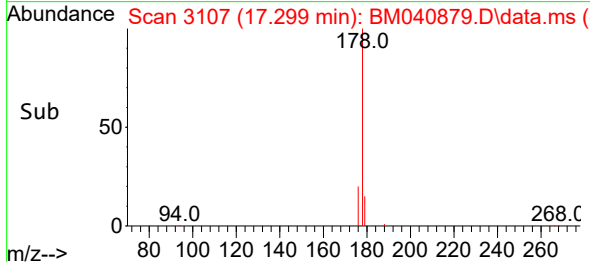
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 19660
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 20.1 16.4 24.6

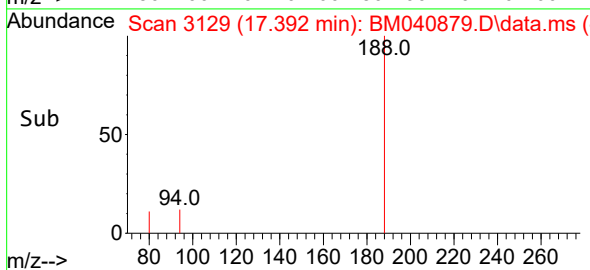
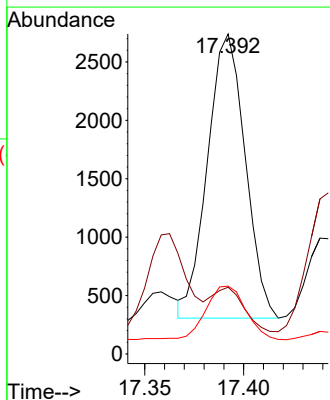
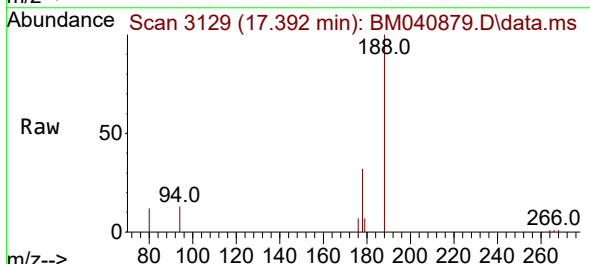
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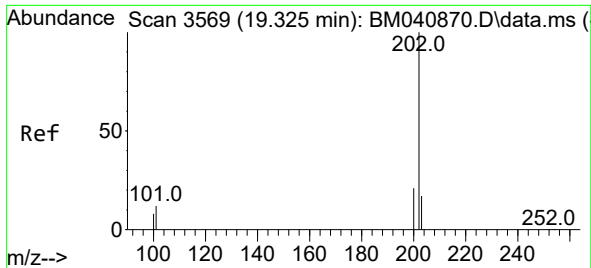
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#16
Anthracene
Concen: 0.084 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Tgt Ion:178 Resp: 3221
Ion Ratio Lower Upper
178 100
179 20.8 12.9 19.3#
176 21.2 15.8 23.6





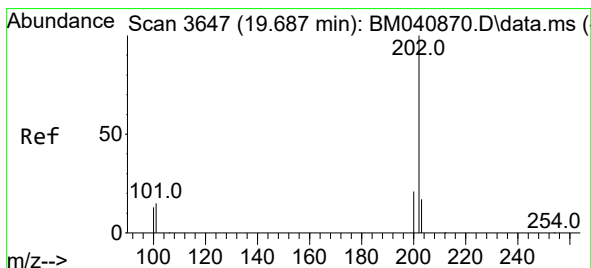
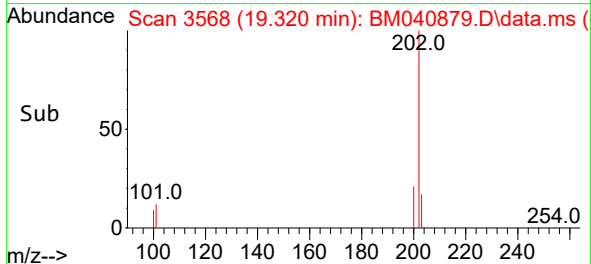
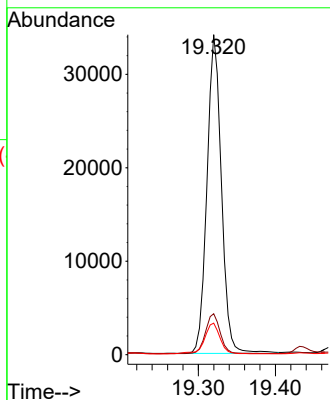
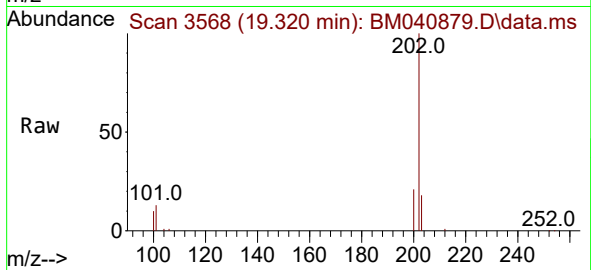
#19
Fluoranthene
Concen: 1.142 ng/ul
RT: 19.320 min Scan# 3569
Delta R.T. -0.009 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Instrument :
BNA_M
ClientSampleId :
A46J7

Tgt Ion:202 Resp: 4436
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 9.9 8.7 13.1

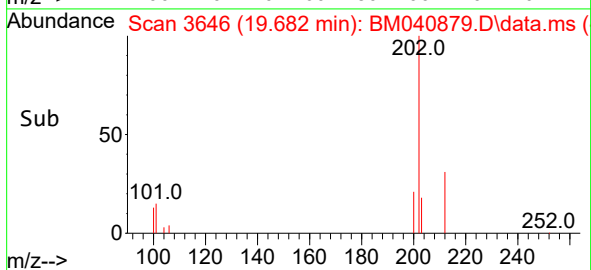
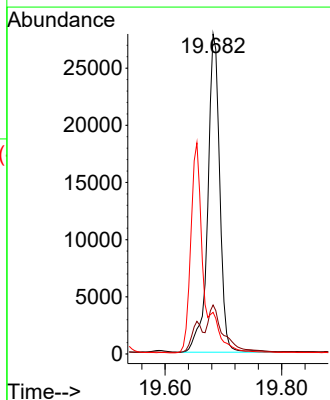
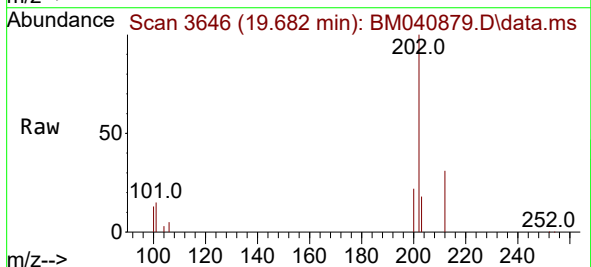
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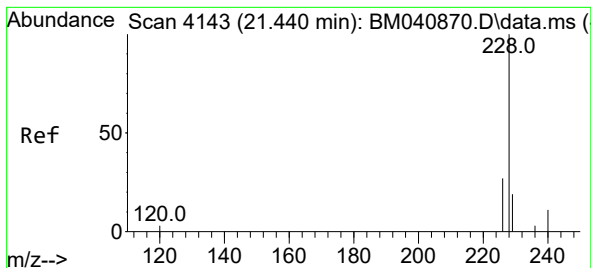
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 0.959 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Tgt Ion:202 Resp: 39921
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 13.0 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.495 ng/ul

RT: 21.437 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM040879.D

Acq: 14 Jul 2023 15:02

Instrument :

BNA_M

ClientSampleId :

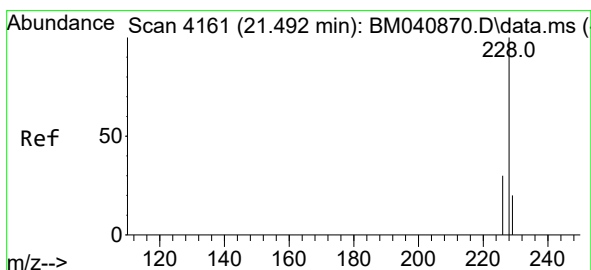
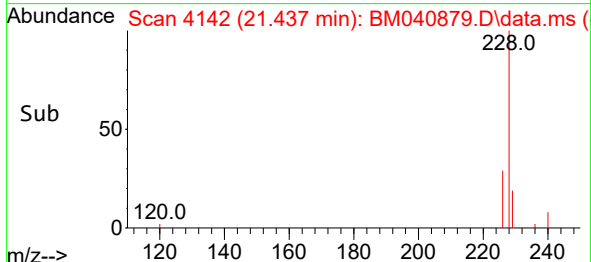
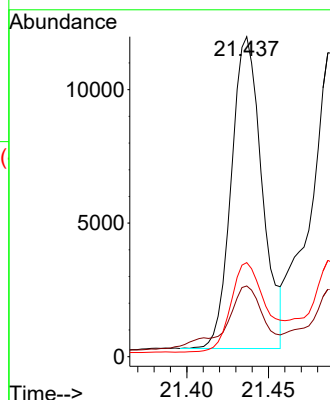
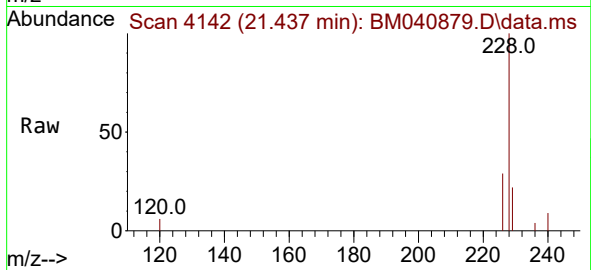
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Tgt Ion:228 Resp: 15295
 Ion Ratio Lower Upper
 228 100
 229 22.1 16.0 24.0
 226 29.4 22.3 33.5

Manual Integrations

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 Supervised By :mohammad ahmed 07/17/2023



#22

Chrysene

Concen: 0.509 ng/ul

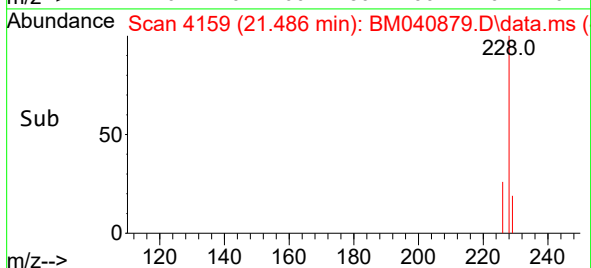
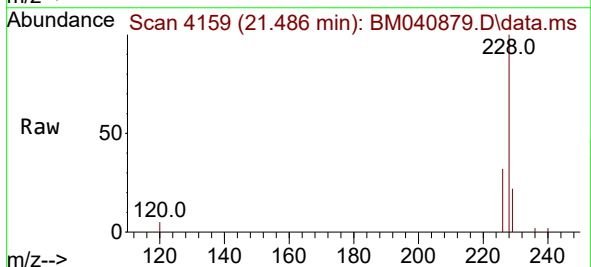
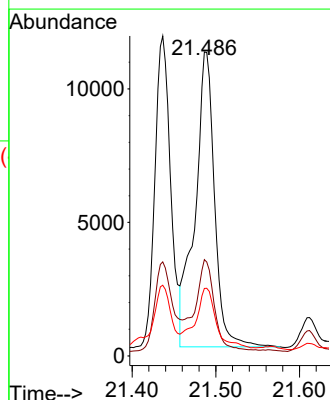
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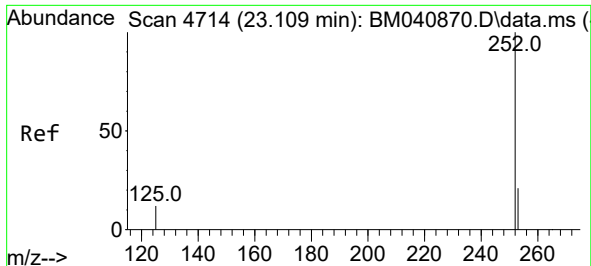
Delta R.T. -0.011 min

Lab File: BM040879.D

Acq: 14 Jul 2023 15:02

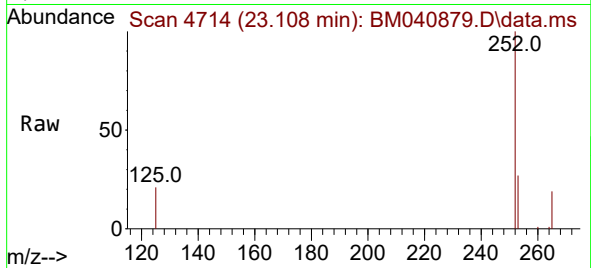
Tgt Ion:228 Resp: 17974
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.627 ng/ul
RT: 23.108 min Scan# 4714
Delta R.T. -0.012 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

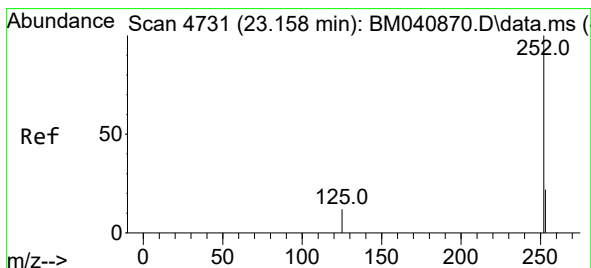
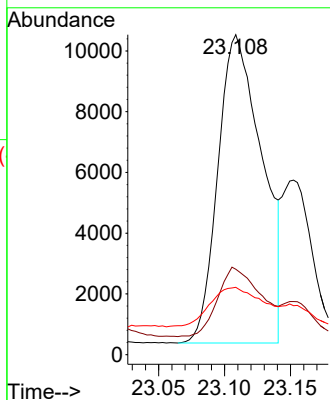
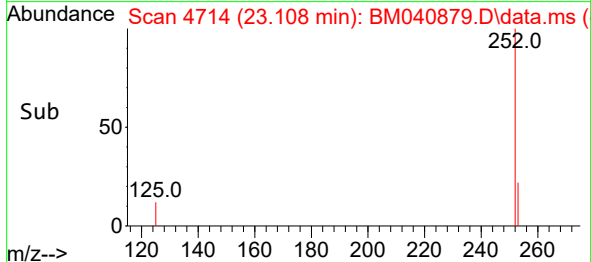
Instrument :
BNA_M
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A46J7



Tgt Ion:252 Resp: 23598
Ion Ratio Lower Upper
252 100
253 26.7 0.0 52.8
125 21.0 0.0 43.0

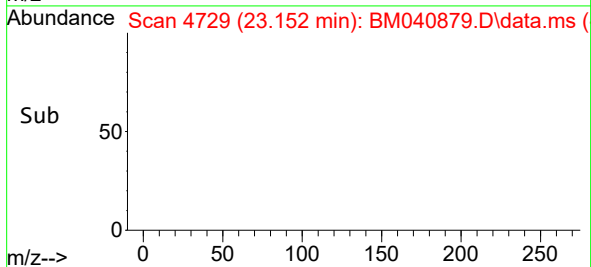
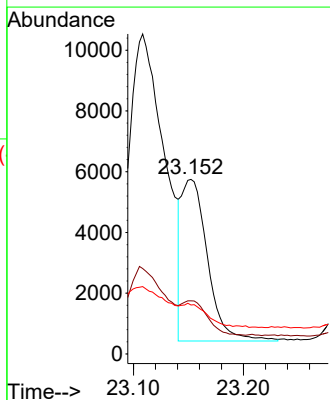
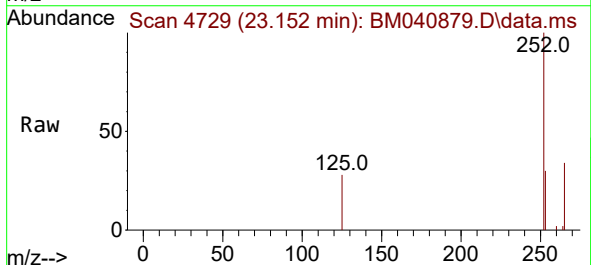
Manual Integrations
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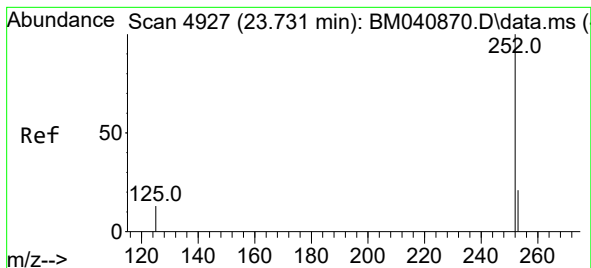
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#25
Benzo(k)fluoranthene
Concen: 0.237 ng/ul m
RT: 23.152 min Scan# 4729
Delta R.T. -0.014 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

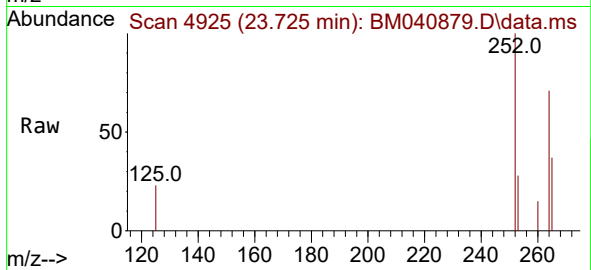
Tgt Ion:252 Resp: 8772
Ion Ratio Lower Upper
252 100
253 30.5 21.2 31.8
125 28.0 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.476 ng/ul
RT: 23.725 min Scan# 4925
Delta R.T. -0.014 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

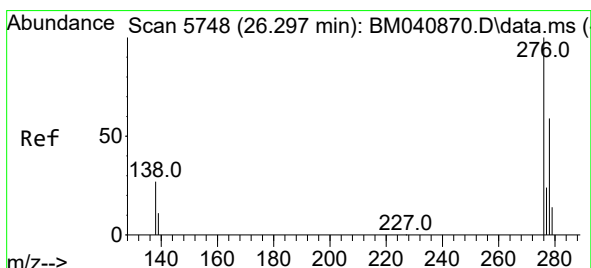
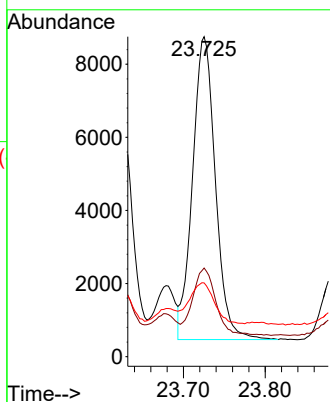
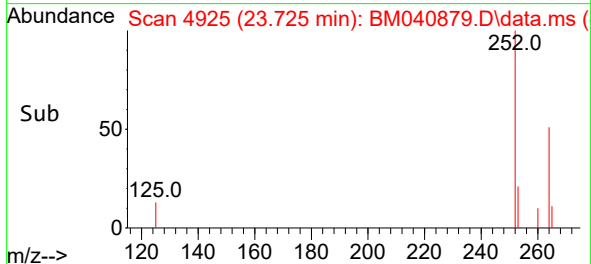
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 16118
Ion Ratio Lower Upper
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253 27.7 22.9 34.3
125 23.1 21.0 31.4

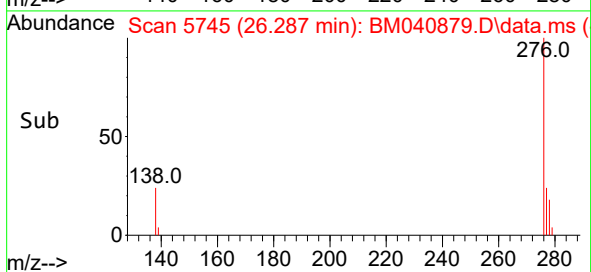
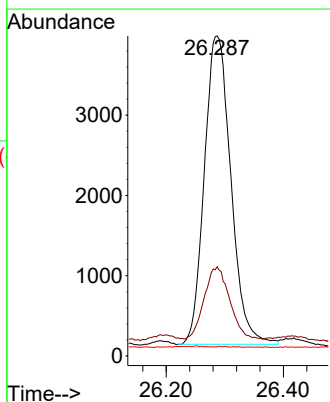
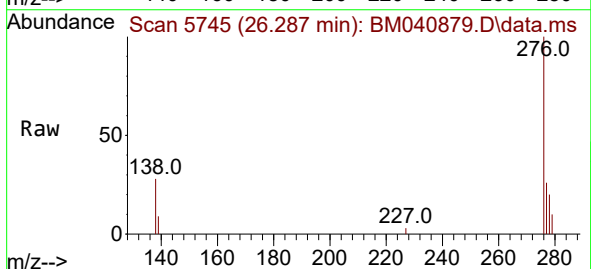
Manual Integrations
APPROVED

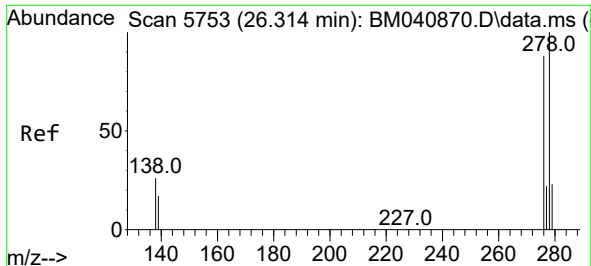
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng/ul
RT: 26.287 min Scan# 5745
Delta R.T. -0.020 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

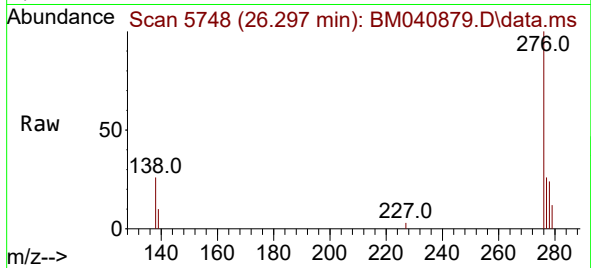
Tgt Ion:276 Resp: 12089
Ion Ratio Lower Upper
276 100
138 22.6 24.5 36.7#
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 26.297 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

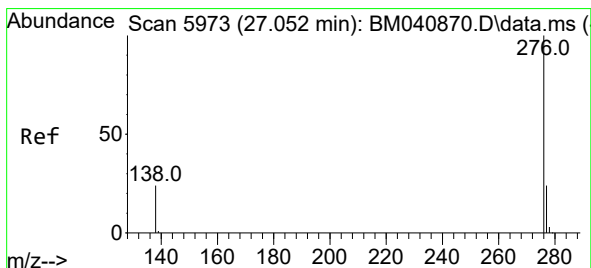
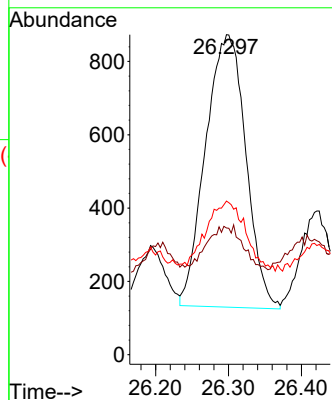
Instrument :
BNA_M
ClientSampleId :
A46J7



Tgt Ion:278 Resp: 285
Ion Ratio Lower Upper
278 100
139 39.6 17.9 26.9
279 48.0 22.0 33.0

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.319 ng/ul
RT: 27.048 min Scan# 5972
Delta R.T. -0.020 min
Lab File: BM040879.D
Acq: 14 Jul 2023 15:02

Tgt Ion:276 Resp: 13176
Ion Ratio Lower Upper
276 100
138 27.7 23.0 34.6
277 25.6 20.3 30.5

