

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041044.D
 Acq On : 22 Jul 2023 08:25
 Operator : MA/JU
 Sample : 03540-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4734

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 22:35:10 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	7.853	152	4400	0.400	ng/ul	0.00
4) Naphthalene-d8	10.658	136	14552	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	9815	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	38770m	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	13667	0.400	ng/ul	# 0.00
23) Perylene-d12	23.854	264	22593	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	16775	2.319	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	9020	0.465	ng/ul	-0.01
18) Fluoranthene-d10	19.301	212	18711	0.325	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.708	128	808790	20.320	ng/ul	97
7) 2-Methylnaphthalene	12.324	142	304746	13.955	ng/ul	97
8) 1-Methylnaphthalene	12.544	142	223795	9.646	ng/ul	99
10) Acenaphthylene	14.231	152	159720	3.885	ng/ul	98
11) Acenaphthene	14.574	153	1018123	28.096	ng/ul	96
12) Fluorene	15.564	166	1287679	34.322	ng/ul	96
15) Phenanthrene	17.320	178	10150335	87.592	ng/ul	97
16) Anthracene	17.405	178	2249417	24.913	ng/ul	97
19) Fluoranthene	19.343	202	10009843	141.856	ng/ul	94
20) Pyrene	19.696	202	2841175	39.412	ng/ul#	93
21) Benzo(a)anthracene	21.448	228	4280970	102.825	ng/ul	96
22) Chrysene	21.504	228	3312856	69.605	ng/ul#	95
24) Benzo(b)fluoranthene	23.135	252	3877423	44.714	ng/ul	83
25) Benzo(k)fluoranthene	23.176	252	1769146m	21.472	ng/ul	
26) Benzo(a)pyrene	23.746	252	461802	6.165	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.324	276	605361	6.091	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.334	278	546393	7.267	ng/ul#	88
29) Benzo(g,h,i)perylene	27.082	276	25902	0.282	ng/ul#	65

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

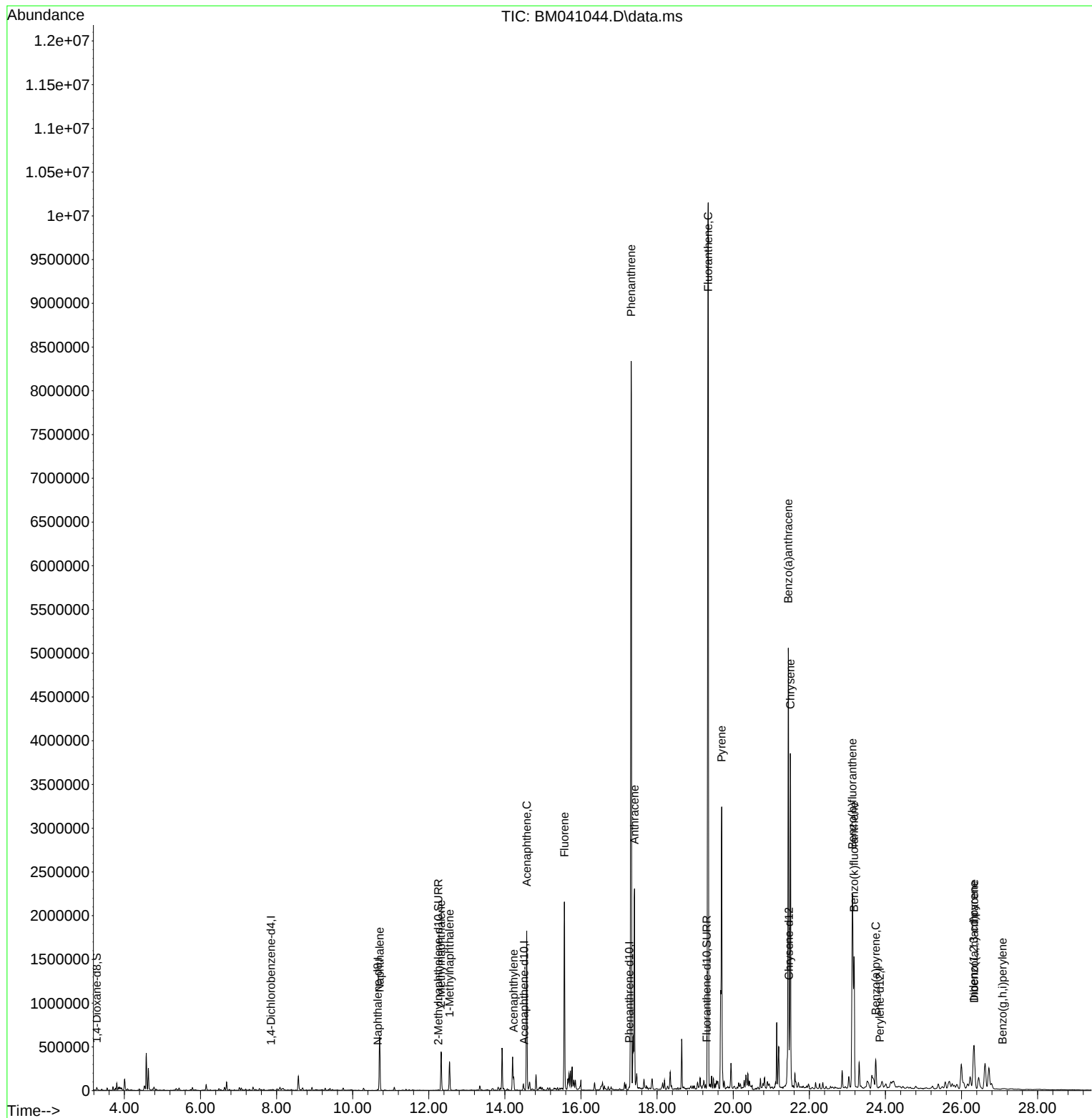
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041044.D
Acq On : 22 Jul 2023 08:25
Operator : MA/JU
Sample : 03540-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

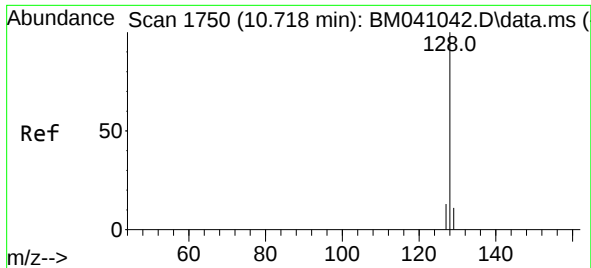
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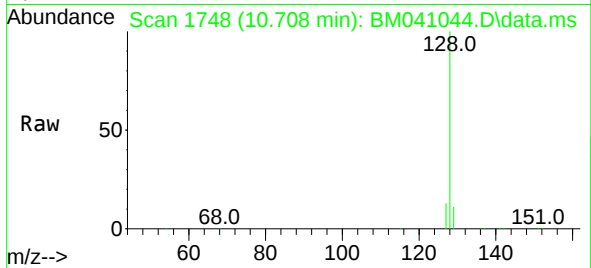
Quant Time: Jul 22 22:35:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 20.320 ng/ul
RT: 10.708 min Scan# 1750
Delta R.T. -0.011 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

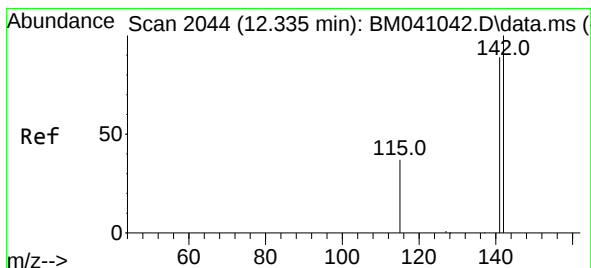
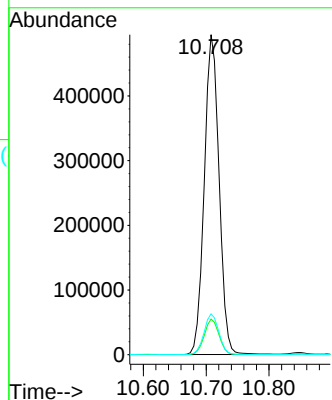
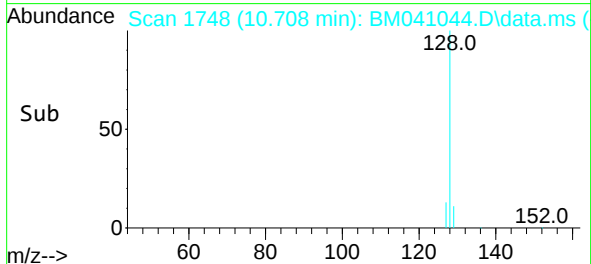
Instrument :
BNA_M
ClientSampleId :
A4734



Tgt Ion:128 Resp: 808790
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.8
127 12.8 11.0 16.4

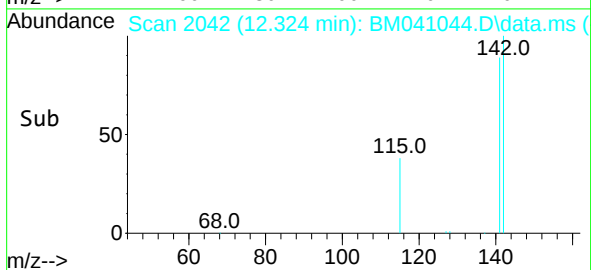
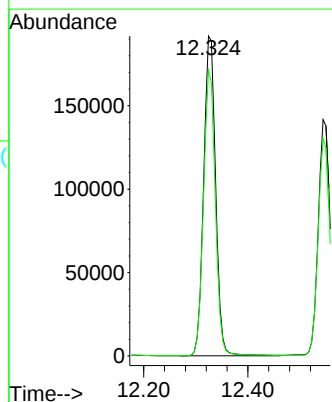
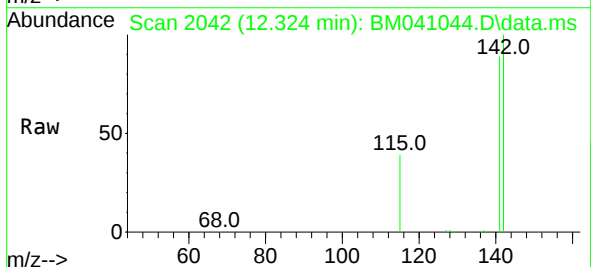
Manual Integrations
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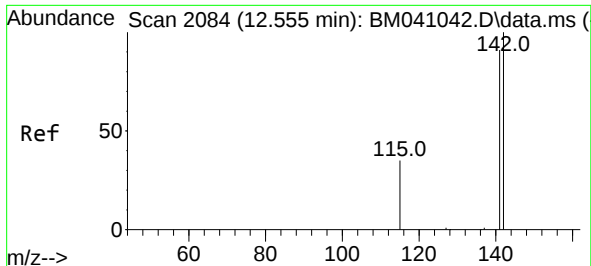
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#7
2-Methylnaphthalene
Concen: 13.955 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

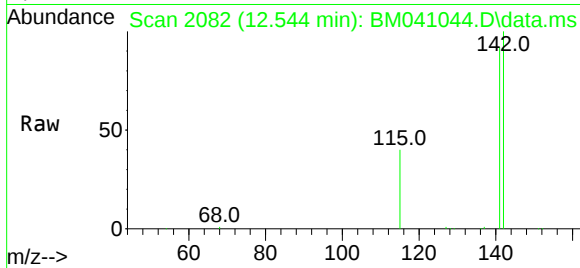
Tgt Ion:142 Resp: 304746
Ion Ratio Lower Upper
142 100
141 88.6 73.2 109.8





#8
1-Methylnaphthalene
Concen: 9.646 ng/ul
RT: 12.544 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

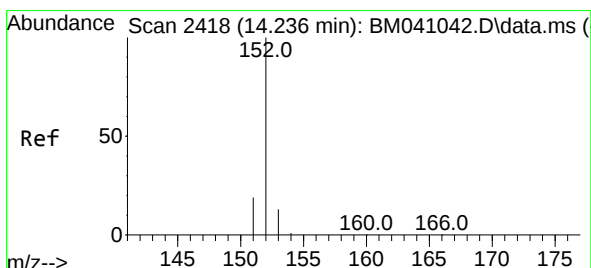
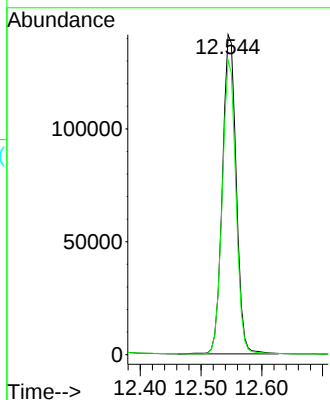
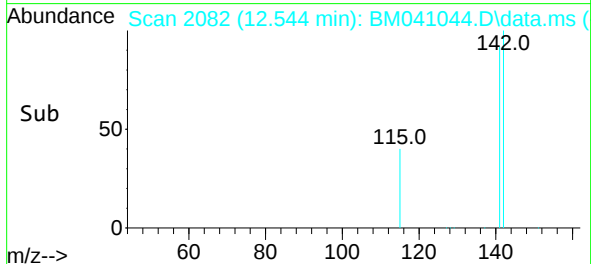
Instrument :
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A4734



Tgt Ion:142 Resp: 223798
Ion Ratio Lower Upper
142 100
141 91.0 73.4 110.2

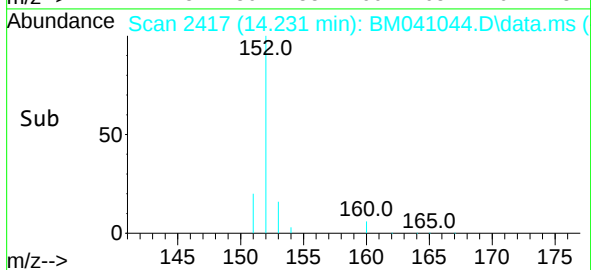
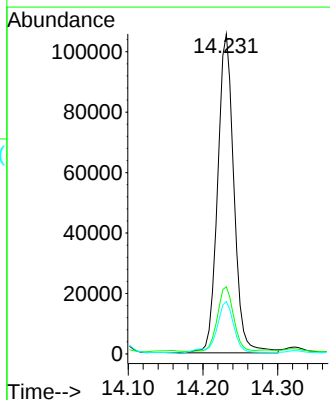
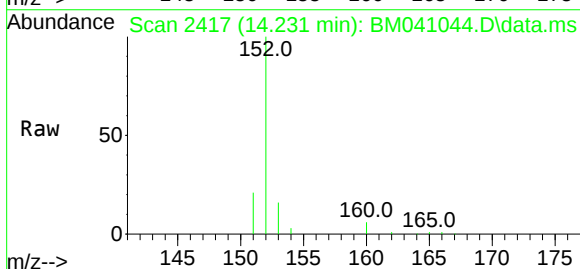
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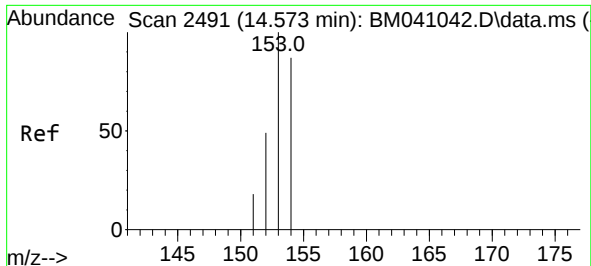
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 3.885 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

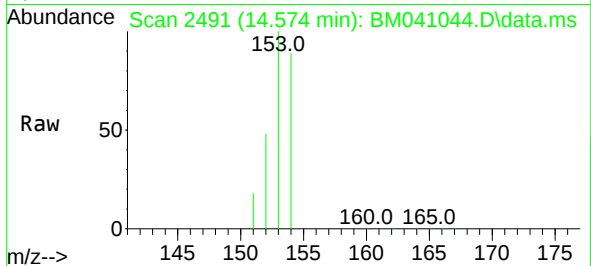
Tgt Ion:152 Resp: 159720
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 16.4 11.6 17.4





#11
Acenaphthene
Concen: 28.096 ng/u1
RT: 14.574 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

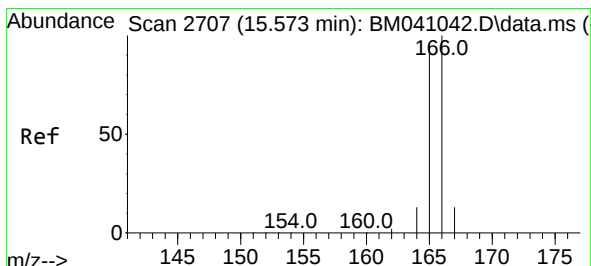
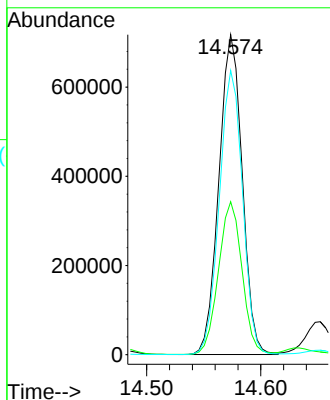
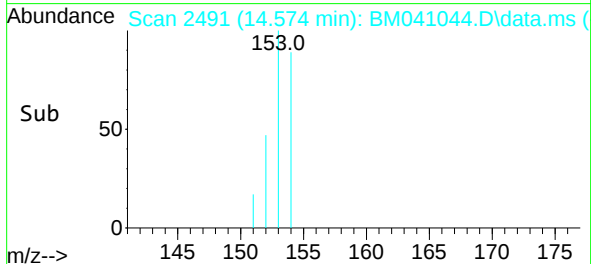
Instrument :
BNA_M
ClientSampleId :
A4734



Tgt Ion:153 Resp: 101812
Ion Ratio Lower Upper
153 100
152 47.8 41.0 61.6
154 88.8 68.2 102.2

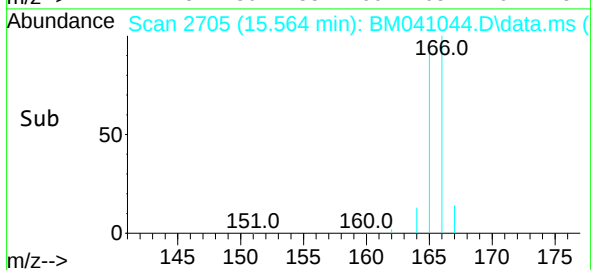
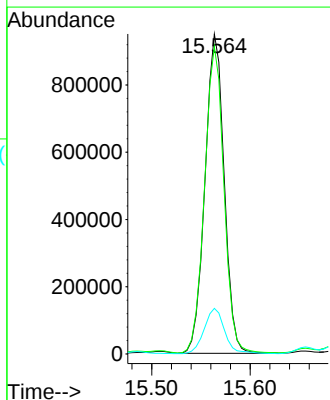
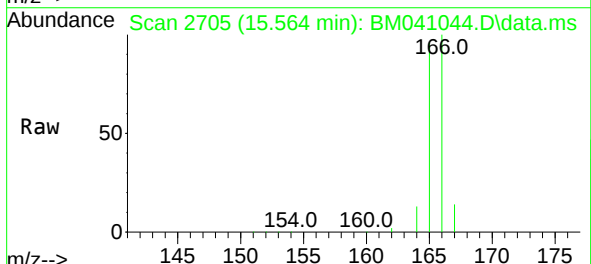
Manual Integrations
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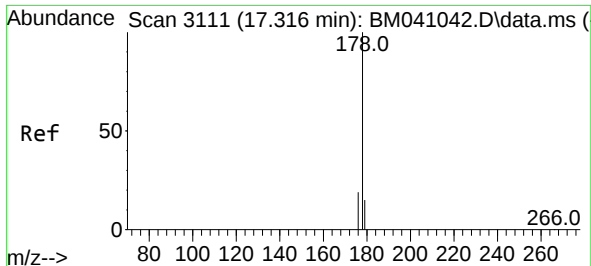
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 34.322 ng/u1
RT: 15.564 min Scan# 2705
Delta R.T. -0.009 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

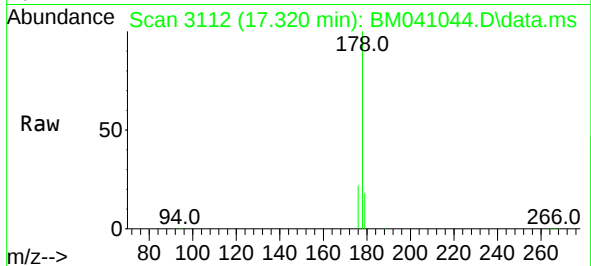
Tgt Ion:166 Resp: 1287679
Ion Ratio Lower Upper
166 100
165 96.1 80.3 120.5
167 14.3 11.7 17.5





#15
Phenanthrene
Concen: 87.592 ng/u1
RT: 17.320 min Scan# 3112
Delta R.T. 0.004 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

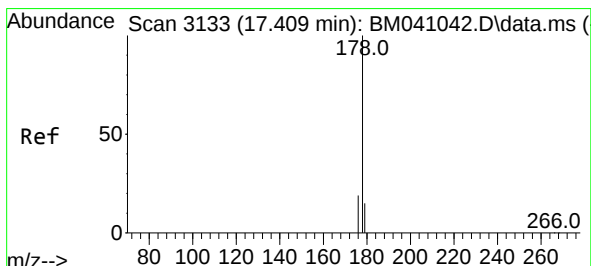
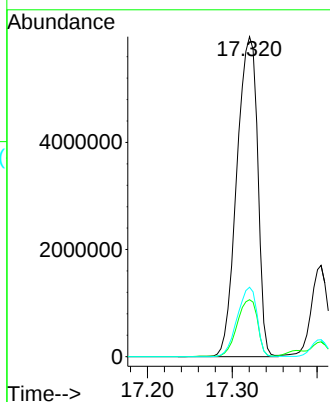
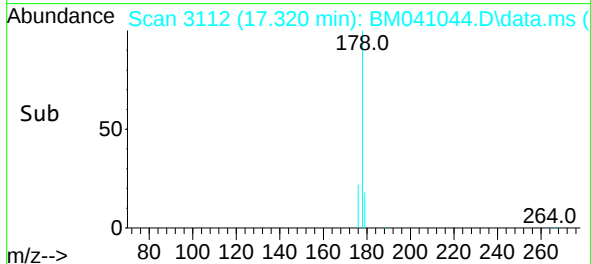
Instrument :
BNA_M
ClientSampleId :
A4734



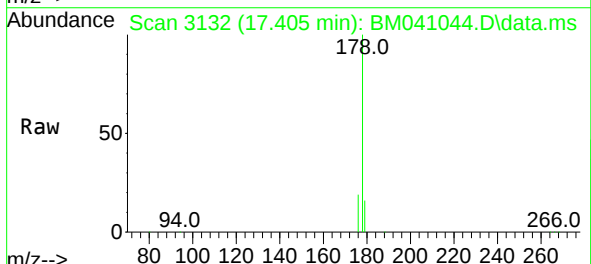
Tgt Ion:178 Resp:1015033
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.6
176 21.7 16.2 24.4

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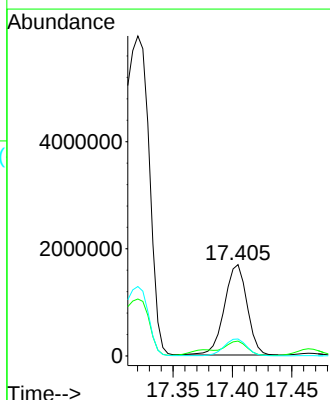
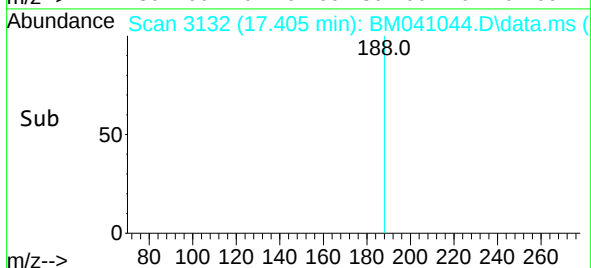
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

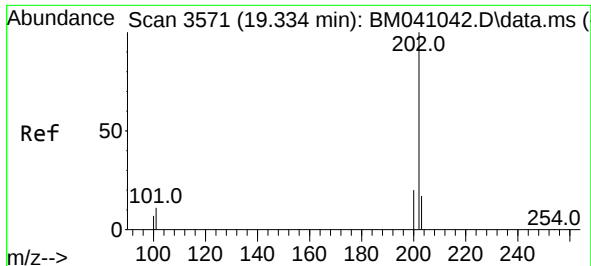


#16
Anthracene
Concen: 24.913 ng/u1
RT: 17.405 min Scan# 3132
Delta R.T. -0.004 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25



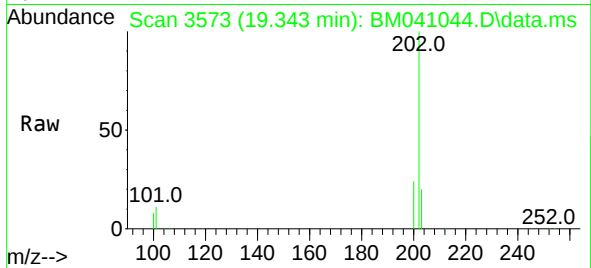
Tgt Ion:178 Resp: 2249417
Ion Ratio Lower Upper
178 100
179 16.2 13.7 20.5
176 18.6 16.4 24.6





#19
Fluoranthene
Concen: 141.856 ng/u1
RT: 19.343 min Scan# 3573
Delta R.T. 0.009 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

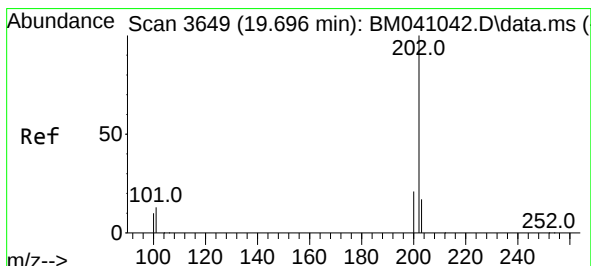
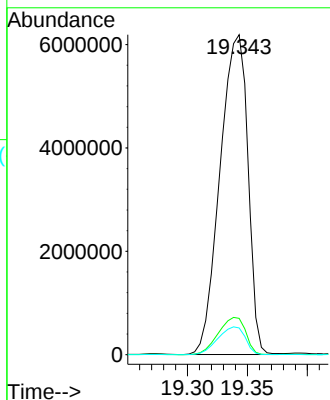
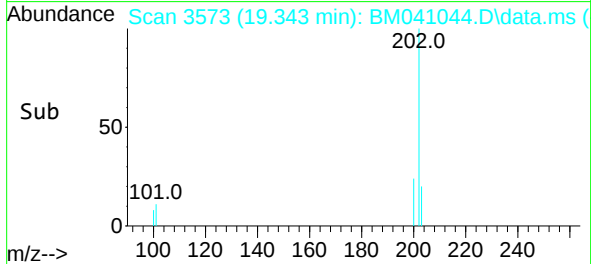
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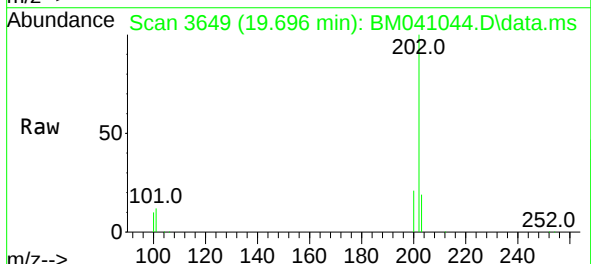
Tgt Ion:202 Resp:1000984
Ion Ratio Lower Upper
202 100
101 11.4 11.0 16.4
100 8.4 8.3 12.5

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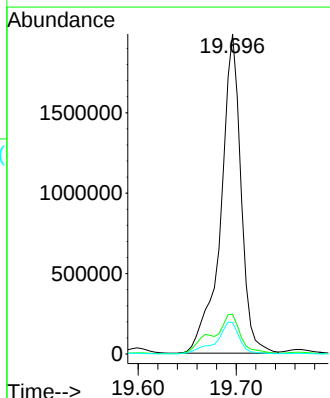
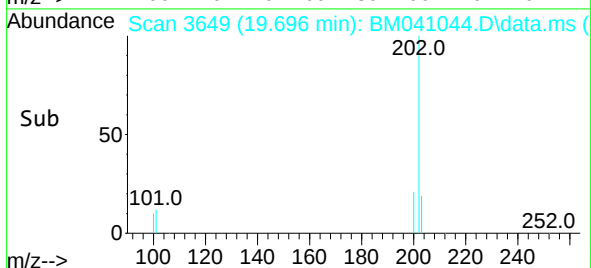
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

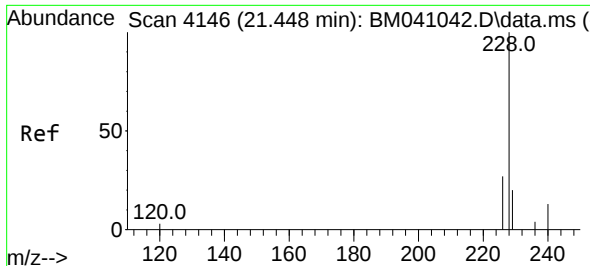


#20
Pyrene
Concen: 39.412 ng/u1
RT: 19.696 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25



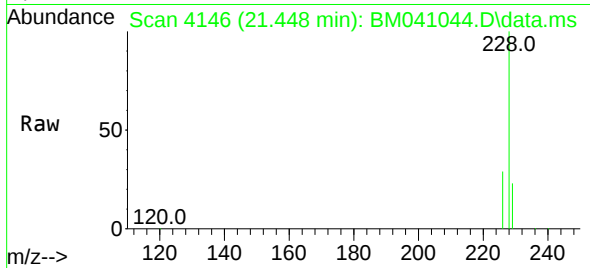
Tgt Ion:202 Resp: 2841175
Ion Ratio Lower Upper
202 100
101 12.4 12.5 18.7#
100 9.8 10.0 15.0#





#21
Benzo(a)anthracene
Concen: 102.825 ng/ul
RT: 21.448 min Scan# 4146
Delta R.T. 0.000 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

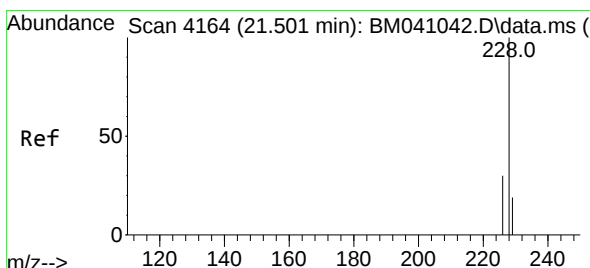
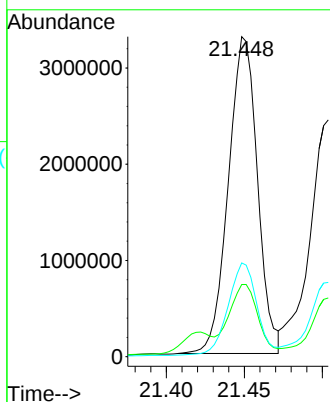
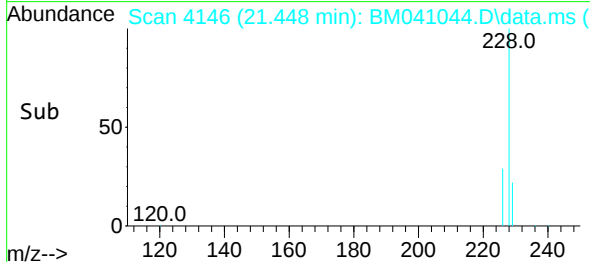
Instrument :
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A4734



Tgt Ion:228 Resp: 4280970
Ion Ratio Lower Upper
228 100
229 22.6 16.2 24.4
226 29.3 22.3 33.5

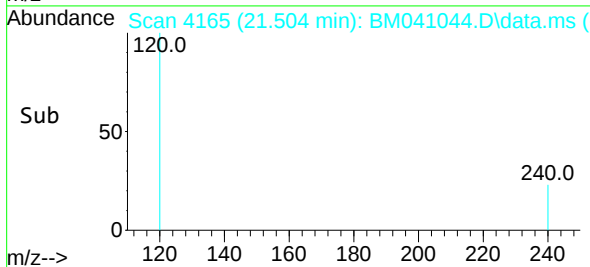
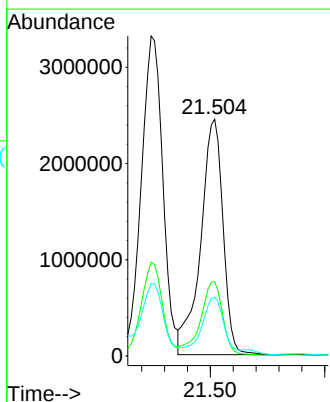
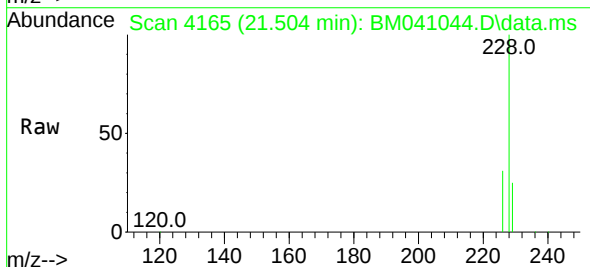
Manual Integrations
APPROVED

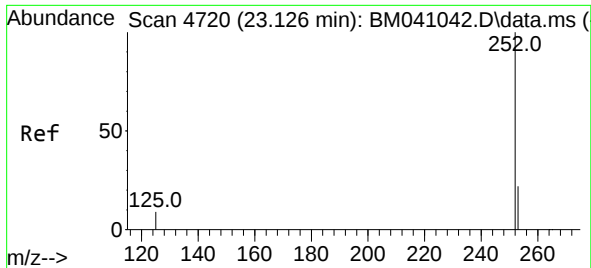
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 69.605 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. 0.003 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

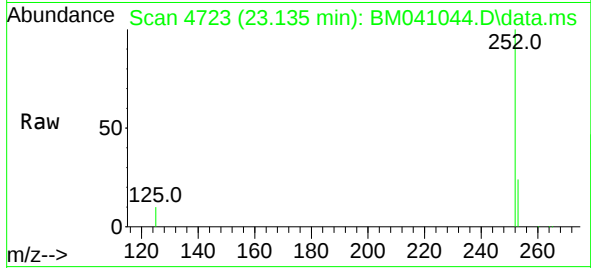
Tgt Ion:228 Resp: 3312856
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 24.8 16.1 24.1#





#24
Benzo(b)fluoranthene
Concen: 44.714 ng/ul
RT: 23.135 min Scan# 4723
Delta R.T. 0.009 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

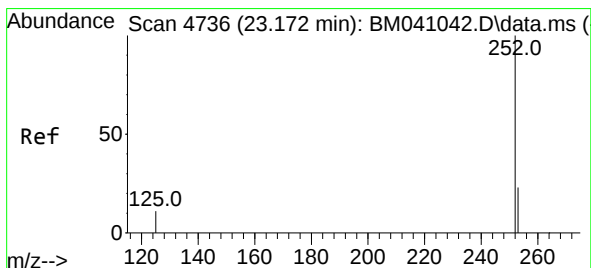
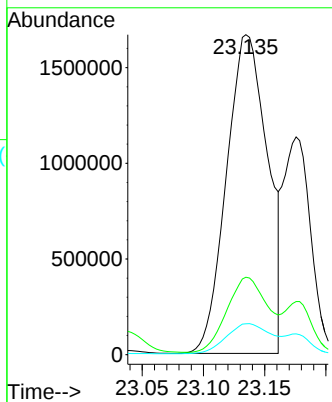
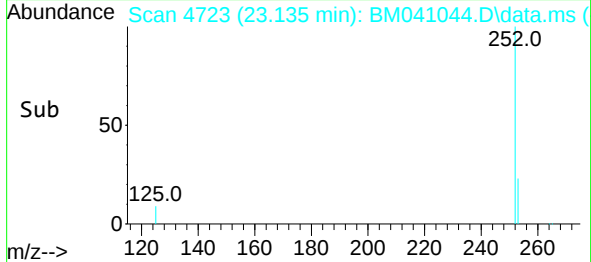
Instrument :
BNA_M
ClientSampleId :
A4734



Tgt Ion:252 Resp: 387742
Ion Ratio Lower Upper
252 100
253 24.2 0.0 57.4
125 9.7 0.0 45.2

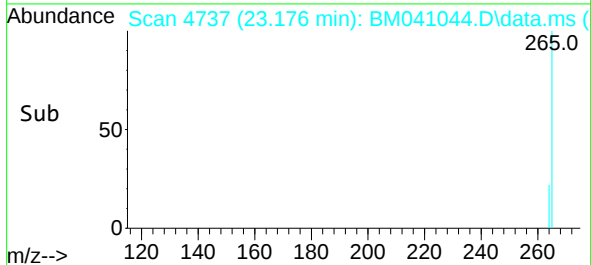
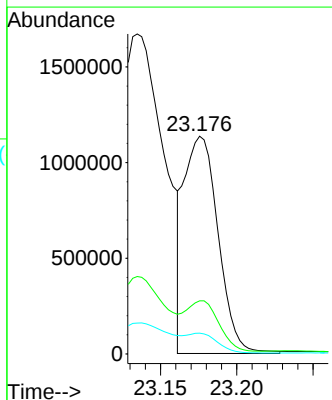
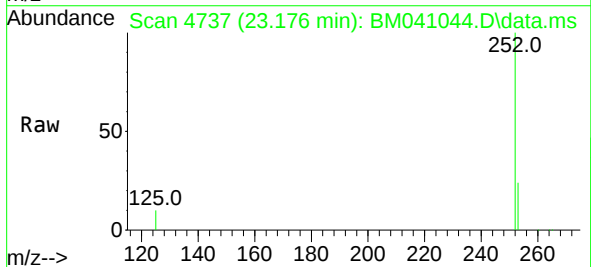
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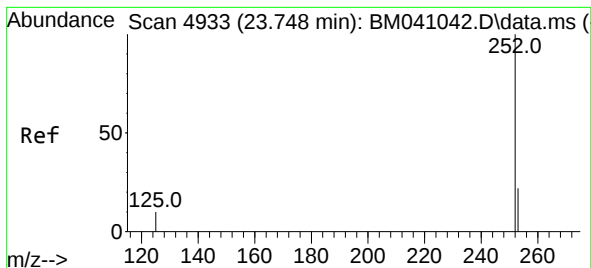
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 21.472 ng/ul m
RT: 23.176 min Scan# 4737
Delta R.T. 0.003 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

Tgt Ion:252 Resp: 1769146
Ion Ratio Lower Upper
252 100
253 24.4 23.3 34.9
125 9.5 18.2 27.2#





#26

Benzo(a)pyrene

Concen: 6.165 ng/ul

RT: 23.746 min Scan# 4933

Delta R.T. -0.003 min

Lab File: BM041044.D

Acq: 22 Jul 2023 08:25

Instrument :

BNA_M

ClientSampleId :

A4734

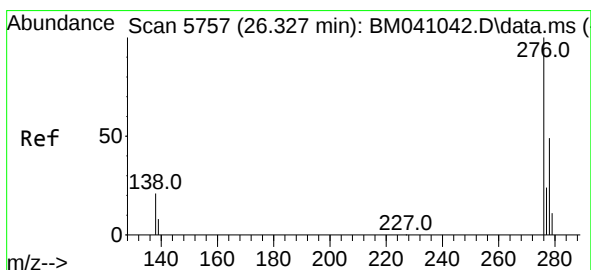
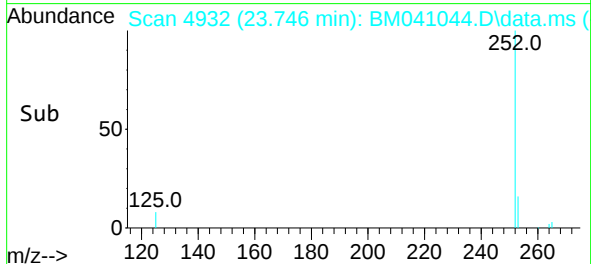
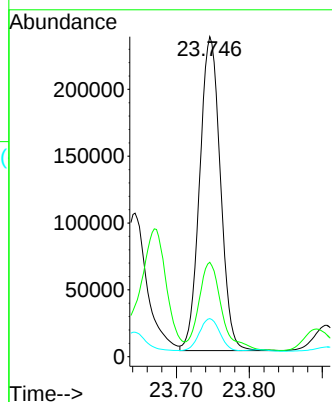
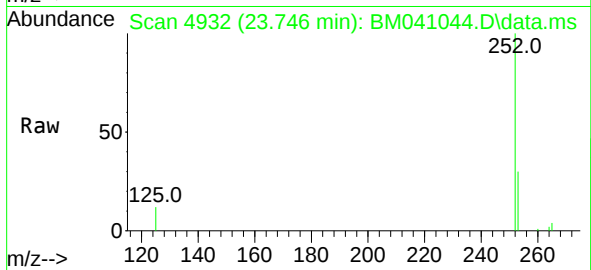
Tgt Ion:252	Resp: 46180
Ion Ratio	Lower Upper
252 100	
253 29.5	28.2 42.2
125 11.9	25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 6.091 ng/ul

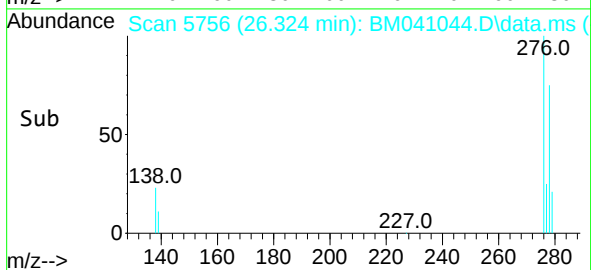
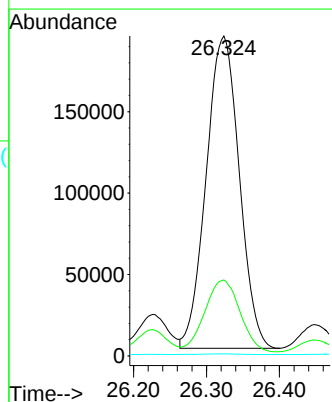
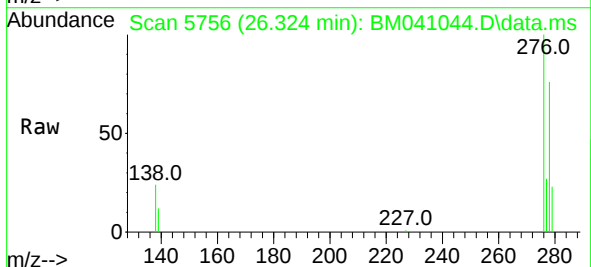
RT: 26.324 min Scan# 5756

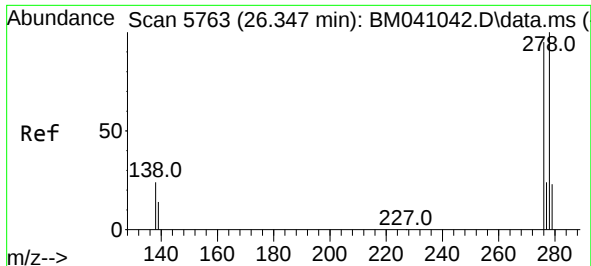
Delta R.T. -0.003 min

Lab File: BM041044.D

Acq: 22 Jul 2023 08:25

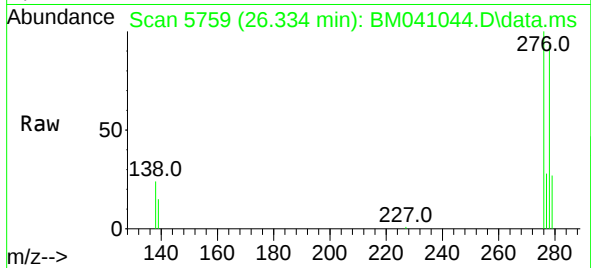
Tgt Ion:276	Resp: 605361
Ion Ratio	Lower Upper
276 100	
138 24.3	22.3 33.5
227 0.3	0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 7.267 ng/ul
RT: 26.334 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25

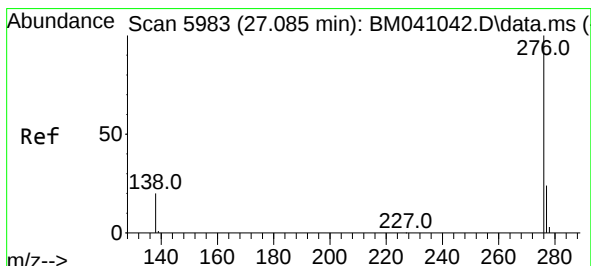
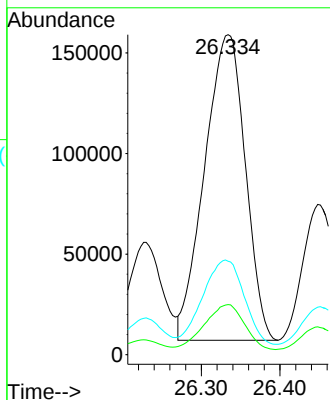
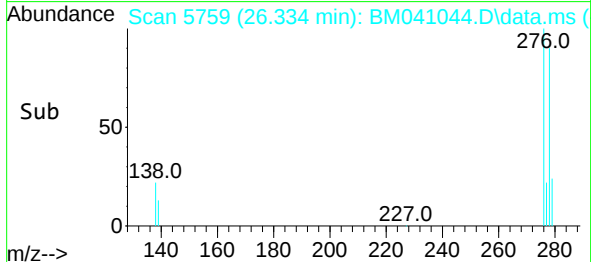
Instrument :
BNA_M
ClientSampleId :
A4734



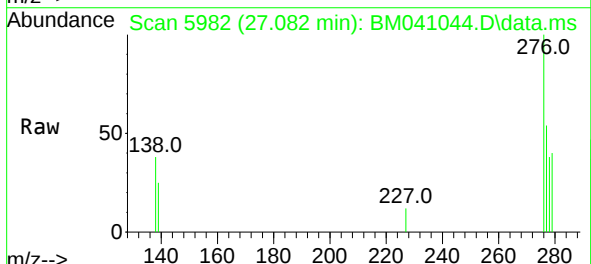
Tgt Ion:278 Resp: 54639
Ion Ratio Lower Upper
278 100
139 15.7 19.2 28.8
279 29.2 27.0 40.6

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.282 ng/ul
RT: 27.082 min Scan# 5982
Delta R.T. -0.003 min
Lab File: BM041044.D
Acq: 22 Jul 2023 08:25



Tgt Ion:276 Resp: 25902
Ion Ratio Lower Upper
276 100
138 38.1 22.6 34.0#
277 53.8 21.2 31.8#

