

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
 Data File : BM041029.D
 Acq On : 21 Jul 2023 22:30
 Operator : MA/JU
 Sample : 03444-13DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46T7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 23:51:49 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 : Fri Jul 21 18:20:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4521	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	16274	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.518	164	8616	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.270	188	20336	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	12687	0.400	ng/ul	0.00
23) Perylene-d12	23.851	264	12627	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	13983	1.881	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	3753	0.173	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	7256	0.136	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.719	128	4351	0.098	ng/ul	95
10) Acenaphthylene	14.236	152	1250	0.035	ng/ul#	77
11) Acenaphthene	14.578	153	1504	0.047	ng/ul	97
12) Fluorene	15.568	166	1663	0.050	ng/ul#	96
15) Phenanthrene	17.312	178	31307	0.515	ng/ul	99
16) Anthracene	17.405	178	4437	0.094	ng/ul#	94
19) Fluoranthene	19.329	202	60667	0.926	ng/ul	95
20) Pyrene	19.692	202	50573	0.756	ng/ul	96
21) Benzo(a)anthracene	21.445	228	17802	0.461	ng/ul	98
22) Chrysene	21.498	228	20301	0.459	ng/ul	98
24) Benzo(b)fluoranthene	23.123	252	23313	0.481	ng/ul	95
25) Benzo(k)fluoranthene	23.167	252	8633m	0.187	ng/ul	
26) Benzo(a)pyrene	23.740	252	12515	0.299	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.324	276	11840	0.213	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.330	278	3018	0.072	ng/ul#	74
29) Benzo(g,h,i)perylene	27.082	276	12263	0.239	ng/ul	96

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

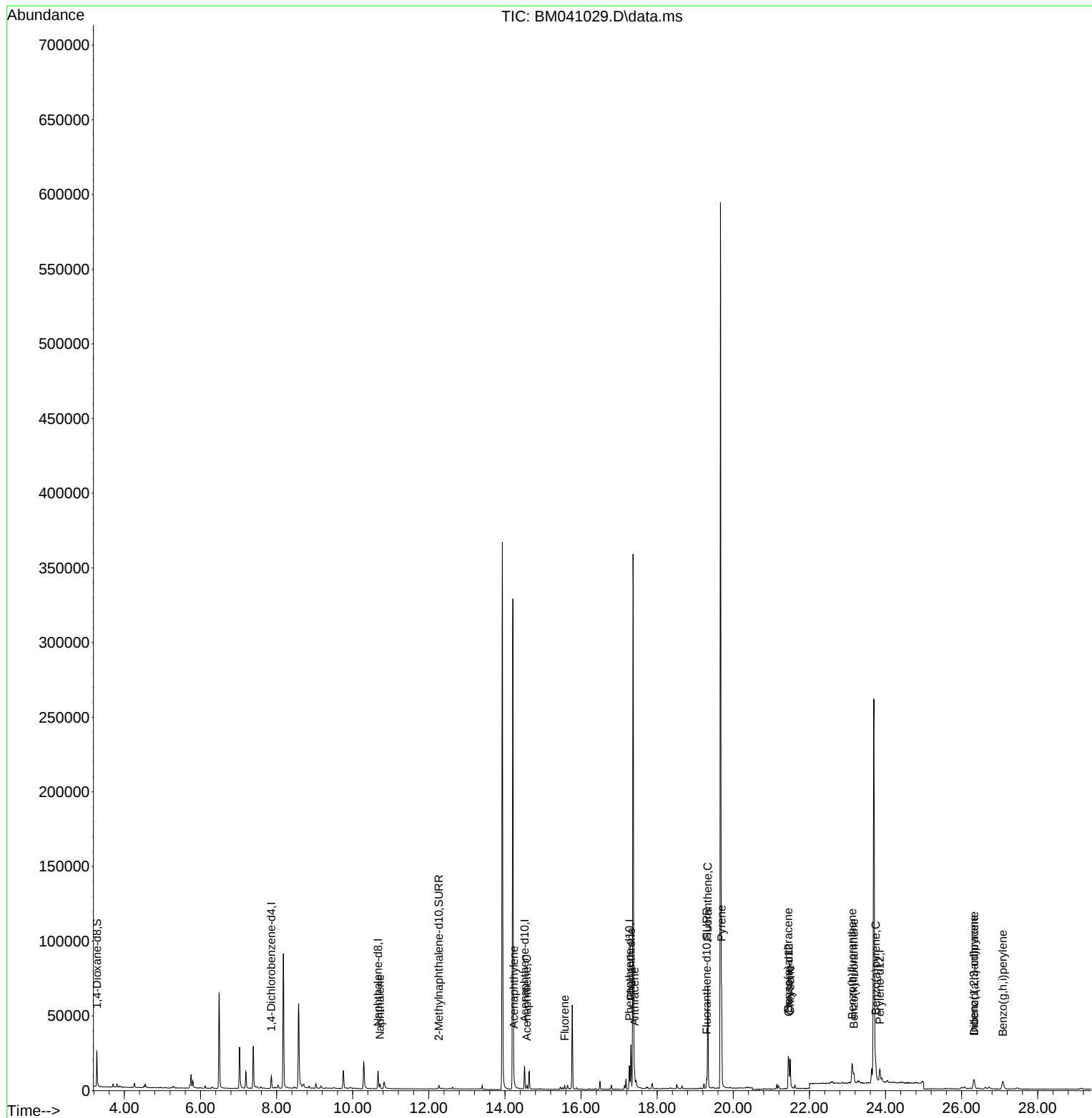
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041029.D
Acq On : 21 Jul 2023 22:30
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Sample : 03444-13DL 5X
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ALS Vial : 18 Sample Multiplier: 1

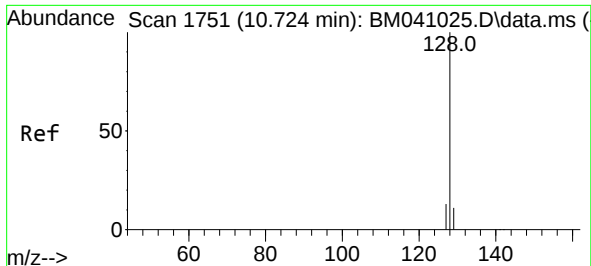
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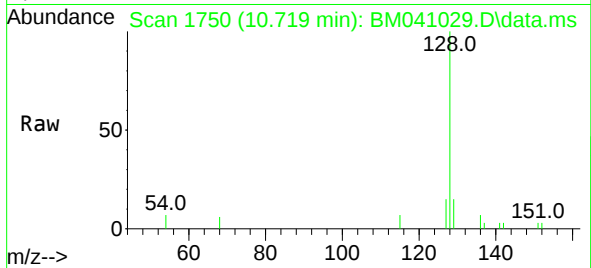
Quant Time: Jul 21 23:51:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.098 ng/ul
RT: 10.719 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

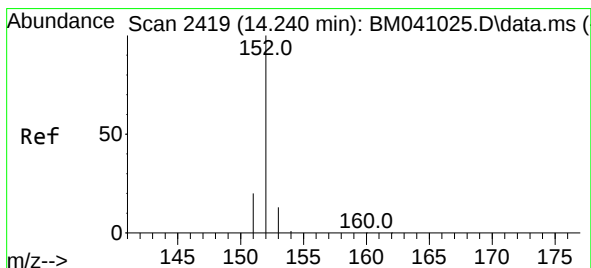
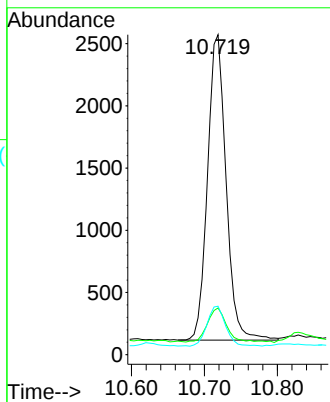
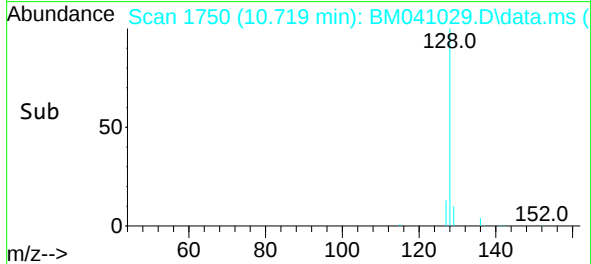
Instrument :
BNA_M
ClientSampleId :
A46T7DL



Tgt Ion:128 Resp: 435
Ion Ratio Lower Upper
128 100
129 14.6 9.8 14.8
127 15.2 11.0 16.4

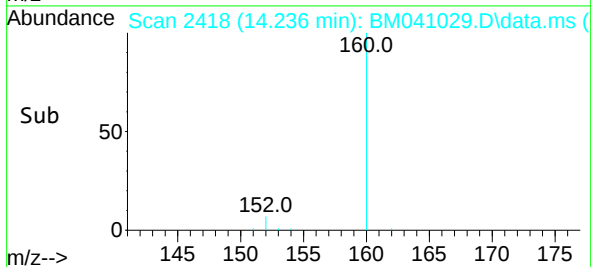
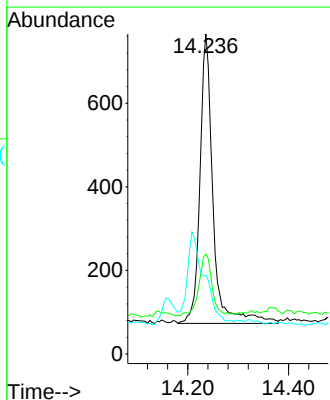
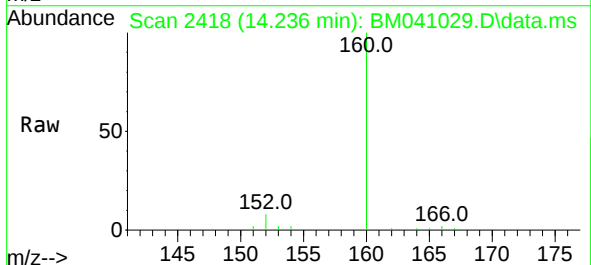
Manual Integrations
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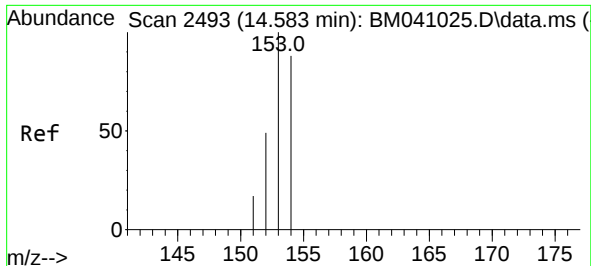
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.236 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

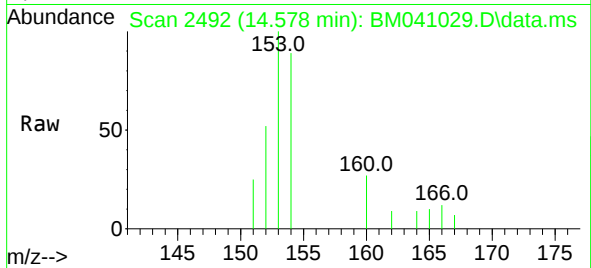
Tgt Ion:152 Resp: 1250
Ion Ratio Lower Upper
152 100
151 31.2 16.8 25.2#
153 24.5 11.6 17.4#





#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.578 min Scan# 2492
Delta R.T. -0.005 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

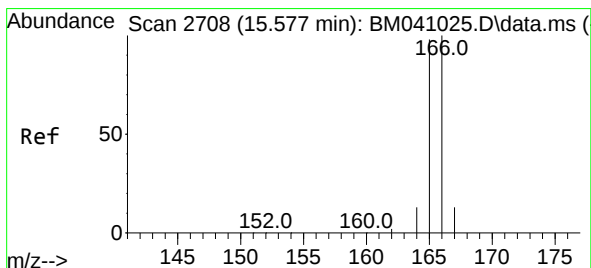
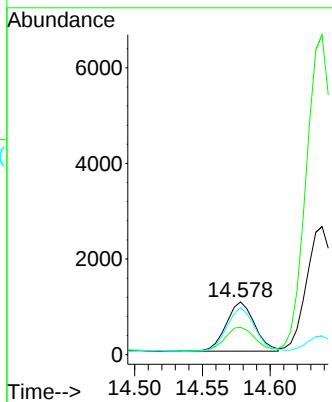
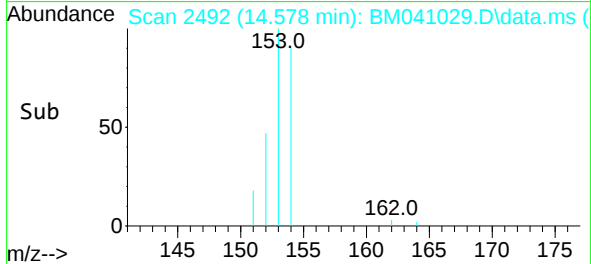
Instrument :
BNA_M
ClientSampleId :
A46T7DL



Tgt Ion:153 Resp: 1504
Ion Ratio Lower Upper
153 100
152 51.8 41.0 61.6
154 89.3 68.2 102.2

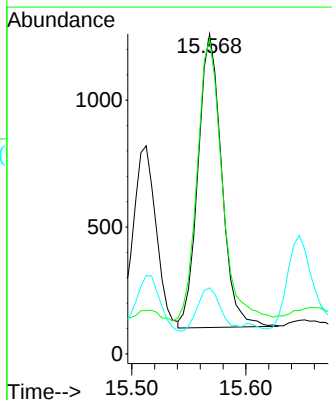
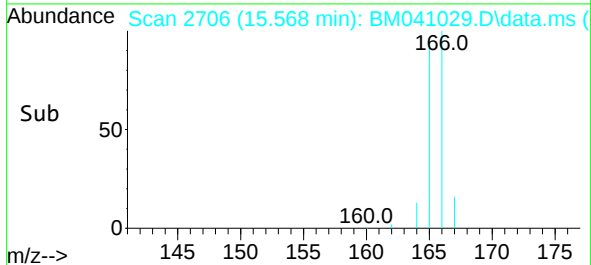
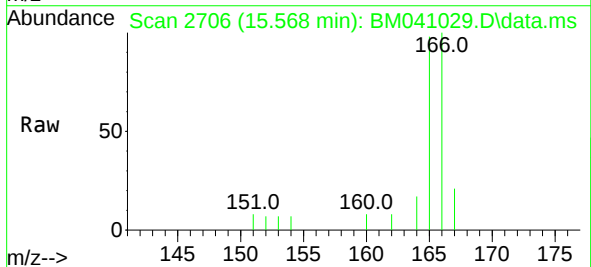
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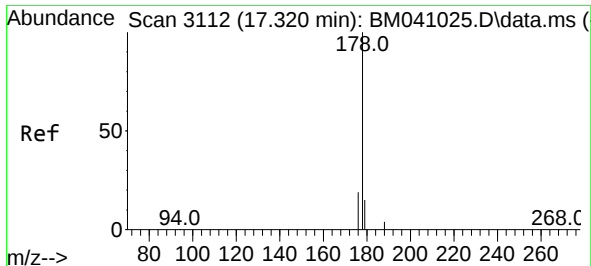
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#12
Fluorene
Concen: 0.050 ng/ul
RT: 15.568 min Scan# 2706
Delta R.T. -0.005 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

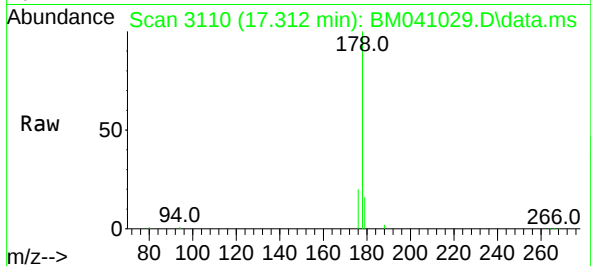
Tgt Ion:166 Resp: 1663
Ion Ratio Lower Upper
166 100
165 98.4 80.3 120.5
167 20.6 11.7 17.5#





#15
Phenanthrene
Concen: 0.515 ng/uI
RT: 17.312 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

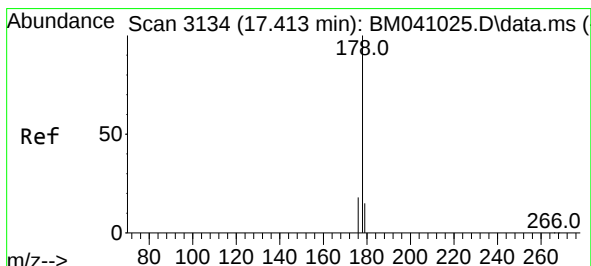
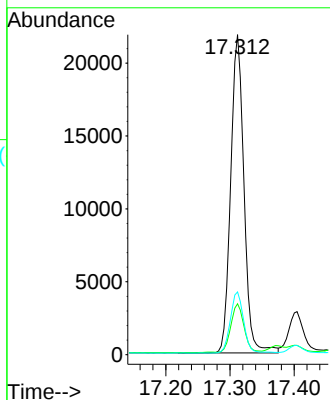
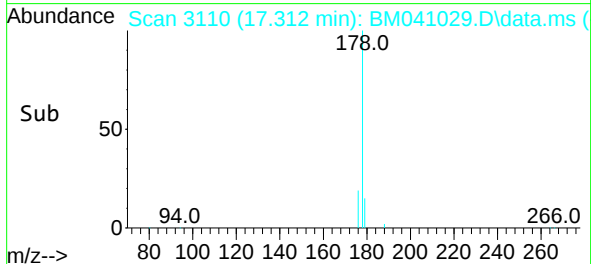
Instrument :
BNA_M
ClientSampleId :
A46T7DL



Tgt Ion:178 Resp: 3130
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.6 16.2 24.4

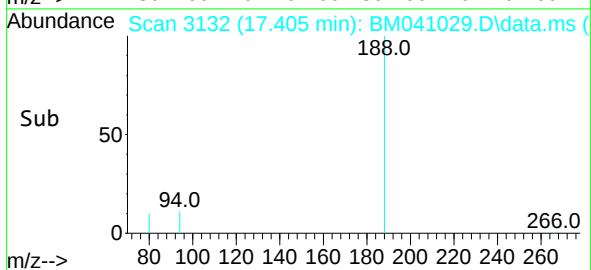
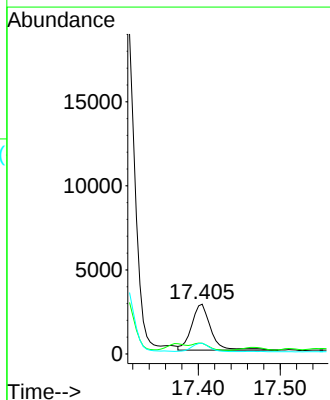
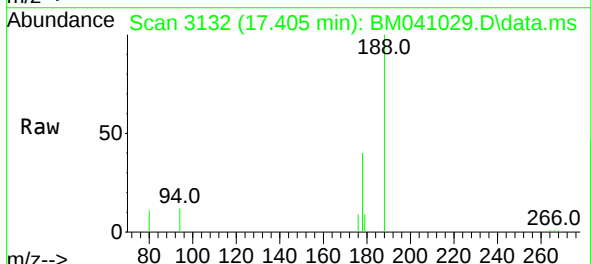
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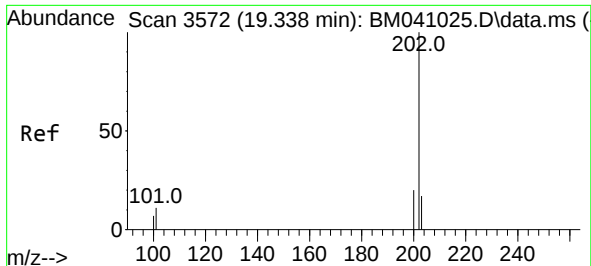
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#16
Anthracene
Concen: 0.094 ng/uI
RT: 17.405 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

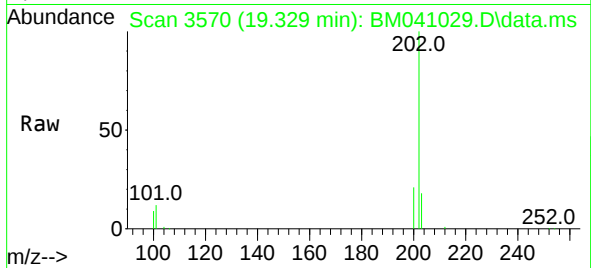
Tgt Ion:178 Resp: 4437
Ion Ratio Lower Upper
178 100
179 21.7 13.7 20.5#
176 21.5 16.4 24.6





#19
Fluoranthene
Concen: 0.926 ng/u1
RT: 19.329 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

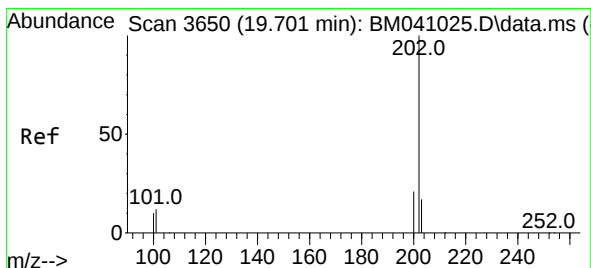
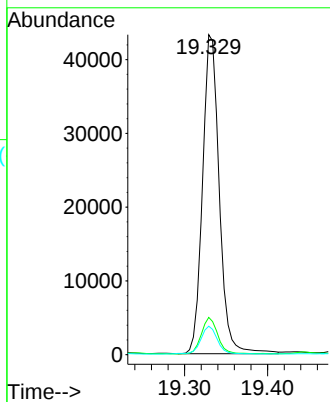
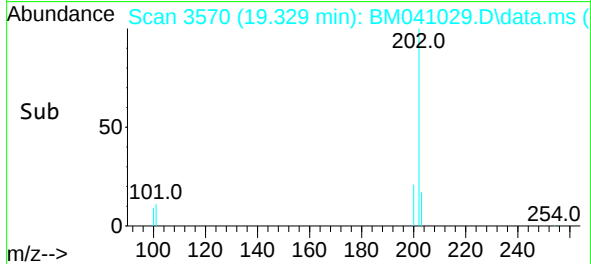
Instrument :
BNA_M
ClientSampleId :
A46T7DL



Tgt Ion:202 Resp: 6066
Ion Ratio Lower Upper
202 100
101 11.7 11.0 16.4
100 8.9 8.3 12.5

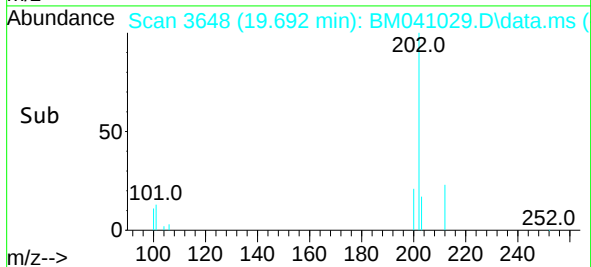
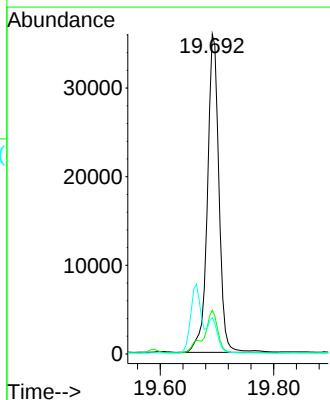
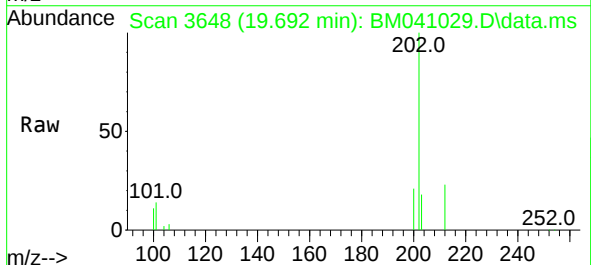
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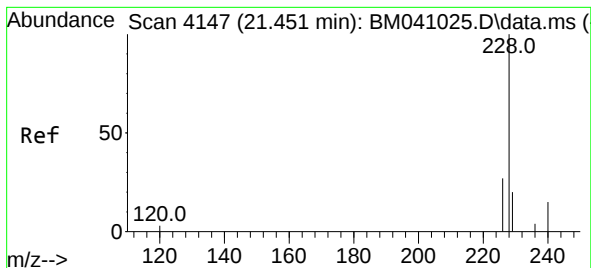
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#20
Pyrene
Concen: 0.756 ng/u1
RT: 19.692 min Scan# 3648
Delta R.T. -0.009 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

Tgt Ion:202 Resp: 50573
Ion Ratio Lower Upper
202 100
101 13.6 12.5 18.7
100 11.4 10.0 15.0





#21

Benzo(a)anthracene

Concen: 0.461 ng/u1

RT: 21.445 min Scan# 4145

Delta R.T. -0.006 min

Lab File: BM041029.D

Acq: 21 Jul 2023 22:30

Instrument :

BNA_M

ClientSampleId :

A46T7DL

Tgt Ion:228 Resp: 1780

Ion Ratio Lower Upper

228 100

229 21.8 16.2 24.4

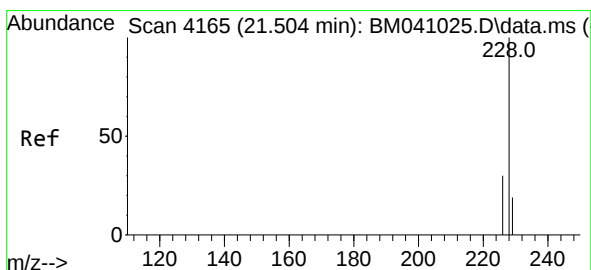
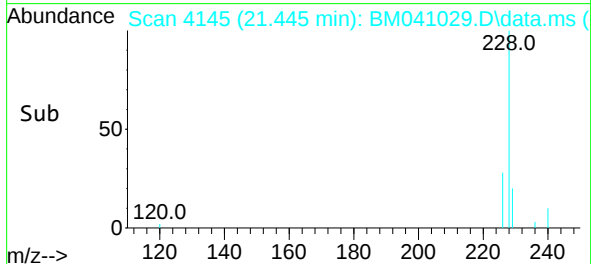
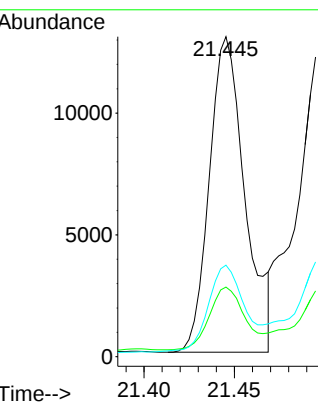
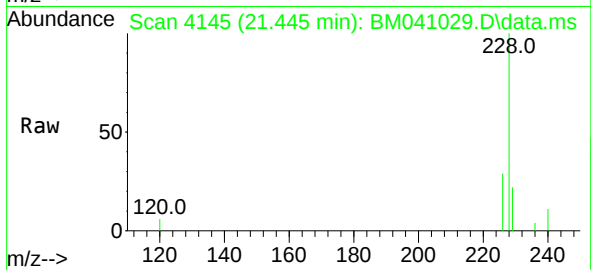
226 28.6 22.3 33.5

Manual Integrations

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Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023



#22

Chrysene

Concen: 0.459 ng/u1

RT: 21.498 min Scan# 4163

Delta R.T. -0.006 min

Lab File: BM041029.D

Acq: 21 Jul 2023 22:30

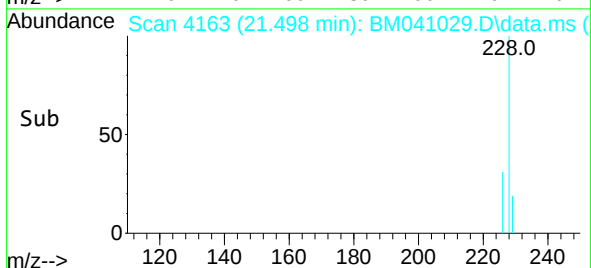
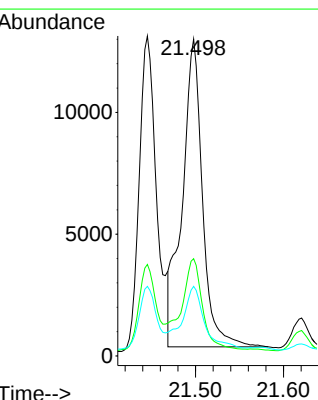
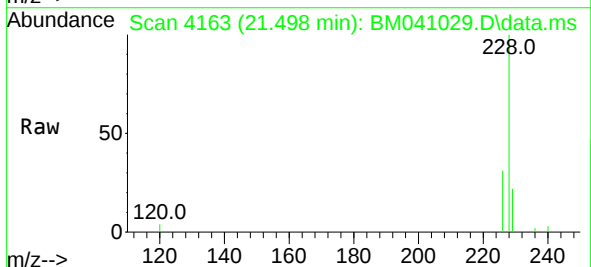
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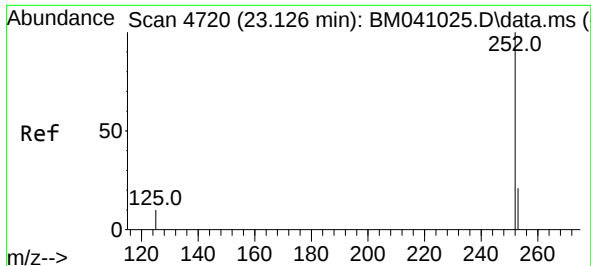
Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

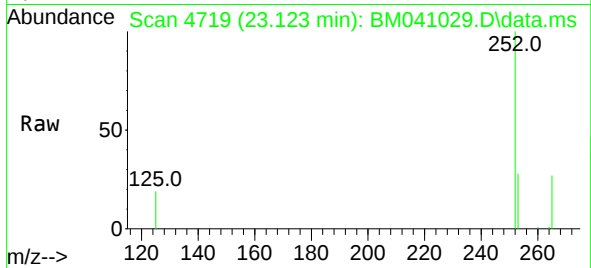
229 22.0 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 0.481 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. -0.006 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

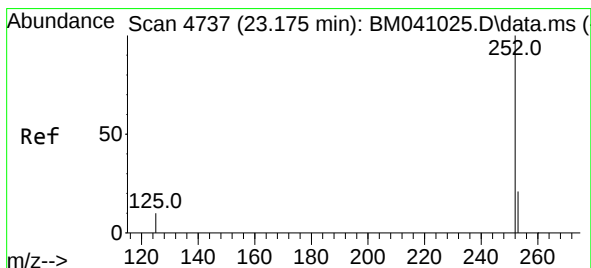
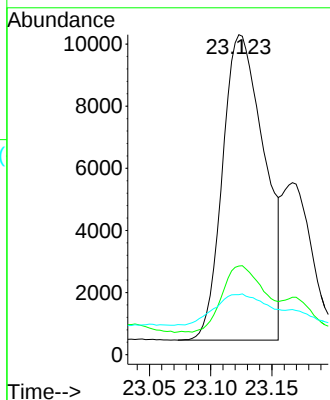
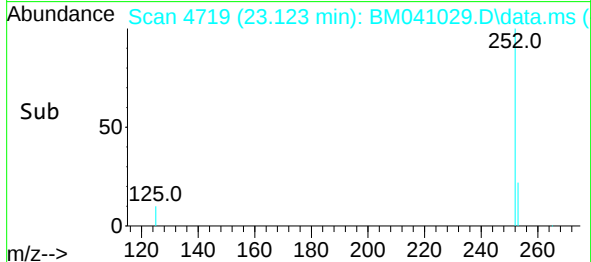
Instrument :
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A46T7DL



Tgt Ion:252 Resp: 2331
Ion Ratio Lower Upper
252 100
253 27.7 0.0 57.4
125 18.8 0.0 45.2

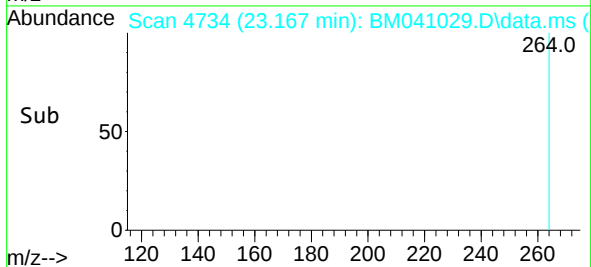
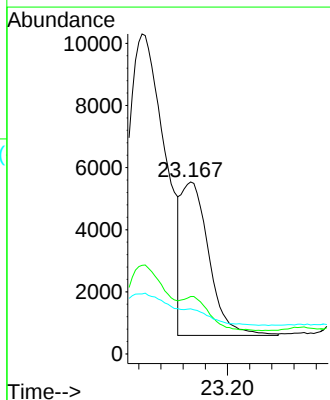
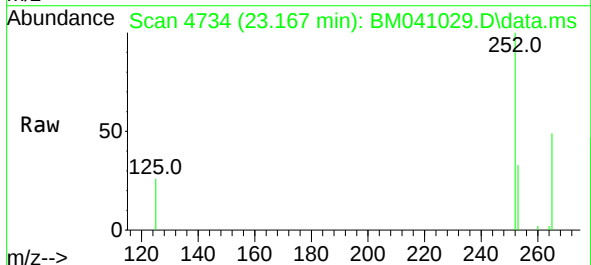
Manual Integrations
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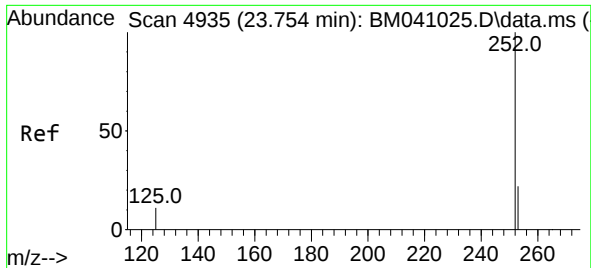
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#25
Benzo(k)fluoranthene
Concen: 0.187 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.012 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

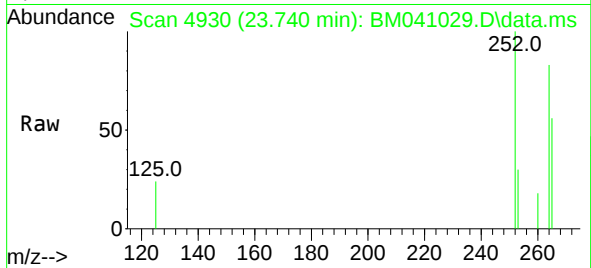
Tgt Ion:252 Resp: 8633
Ion Ratio Lower Upper
252 100
253 33.4 23.3 34.9
125 26.3 18.2 27.2





#26
Benzo(a)pyrene
Concen: 0.299 ng/ul
RT: 23.740 min Scan# 4935
Delta R.T. -0.018 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

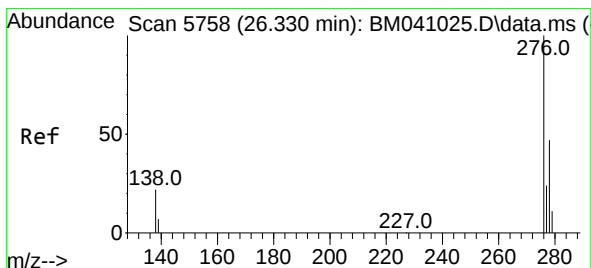
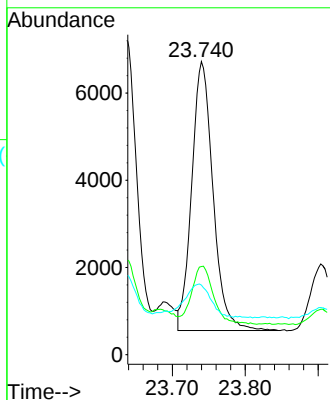
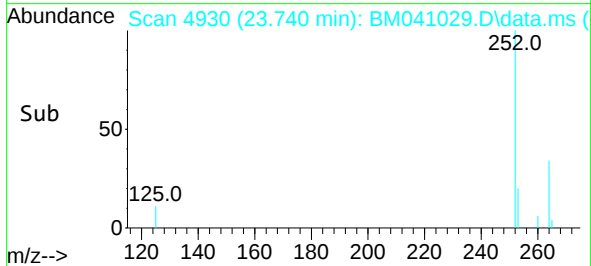
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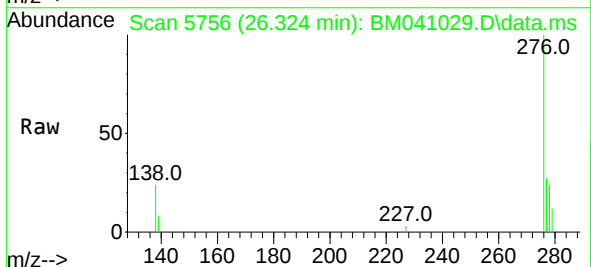
Tgt Ion:252 Resp: 12515
Ion Ratio Lower Upper
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253 30.1 28.2 42.2
125 23.8 25.2 37.8

Manual Integrations
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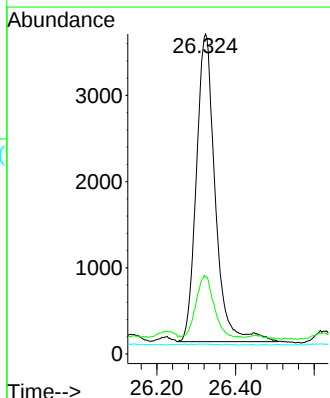
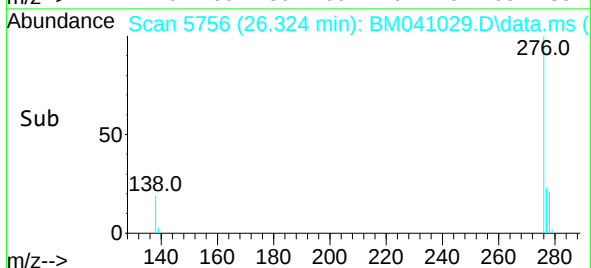
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

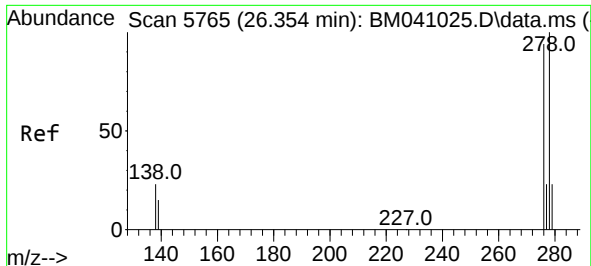


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.213 ng/ul
RT: 26.324 min Scan# 5756
Delta R.T. -0.014 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30



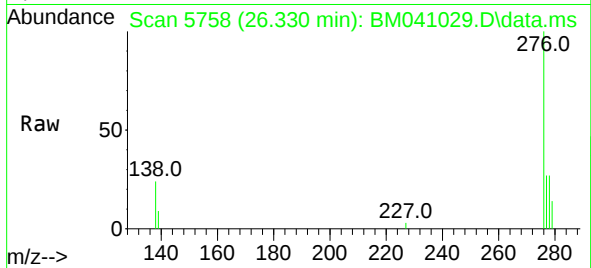
Tgt Ion:276 Resp: 11840
Ion Ratio Lower Upper
276 100
138 19.7 22.3 33.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 26.330 min Scan# 5758
Delta R.T. -0.024 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30

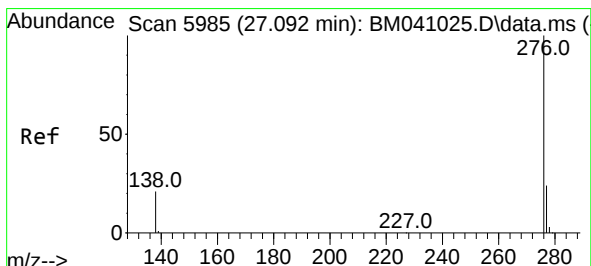
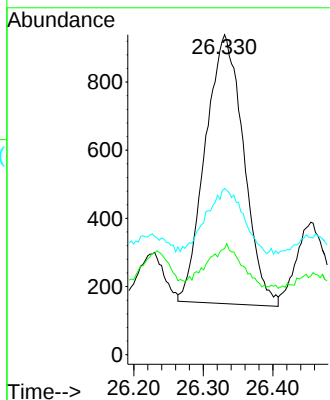
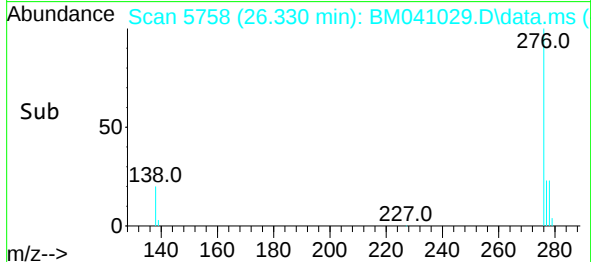
Instrument :
BNA_M
ClientSampleId :
A46T7DL



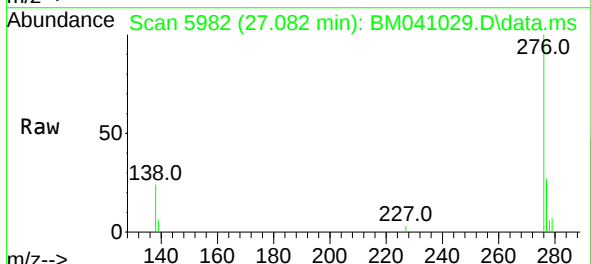
Tgt Ion:278 Resp: 3018
Ion Ratio Lower Upper
278 100
139 33.2 19.2 28.8
279 52.0 27.0 40.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#29
Benzo(g,h,i)perylene
Concen: 0.239 ng/ul
RT: 27.082 min Scan# 5982
Delta R.T. -0.010 min
Lab File: BM041029.D
Acq: 21 Jul 2023 22:30



Tgt Ion:276 Resp: 12263
Ion Ratio Lower Upper
276 100
138 24.2 22.6 34.0
277 26.5 21.2 31.8

