

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026679.D
 Acq On : 23 Jul 2023 16:31
 Operator : MA/JU
 Sample : 03472-09DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46Q3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 24 00:42:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	2956	0.400	ng/ul	0.00
4) Naphthalene-d8	10.624	136	9493	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	5809	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	12635	0.400	ng/ul	0.00
17) Chrysene-d12	21.416	240	8577	0.400	ng/ul	0.00
23) Perylene-d12	23.787	264	9833	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	2202	0.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.230	152	1026	0.080	ng/ul	0.01
18) Fluoranthene-d10	19.250	212	2697	0.091	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.674	128	618	0.024	ng/ul#	63
10) Acenaphthylene	14.189	152	1215	0.043	ng/ul#	82
11) Acenaphthene	14.527	153	508	0.023	ng/ul#	91
12) Fluorene	15.517	166	789	0.035	ng/ul#	86
15) Phenanthrene	17.257	178	7606	0.189	ng/ul	98
16) Anthracene	17.350	178	2230	0.064	ng/ul#	87
19) Fluoranthene	19.278	202	16787	0.418	ng/ul	97
20) Pyrene	19.640	202	15947	0.365	ng/ul	98
21) Benzo(a)anthracene	21.398	228	7653	0.243	ng/ul#	82
22) Chrysene	21.451	228	6944	0.194	ng/ul#	80
24) Benzo(b)fluoranthene	23.064	252	9168m	0.239	ng/ul	
25) Benzo(k)fluoranthene	23.108	252	3906m	0.097	ng/ul	
26) Benzo(a)pyrene	23.675	252	6725	0.197	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.240	276	4675	0.105	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.240	278	1214	0.035	ng/ul#	1
29) Benzo(g,h,i)perylene	27.001	276	4737	0.120	ng/ul#	77

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

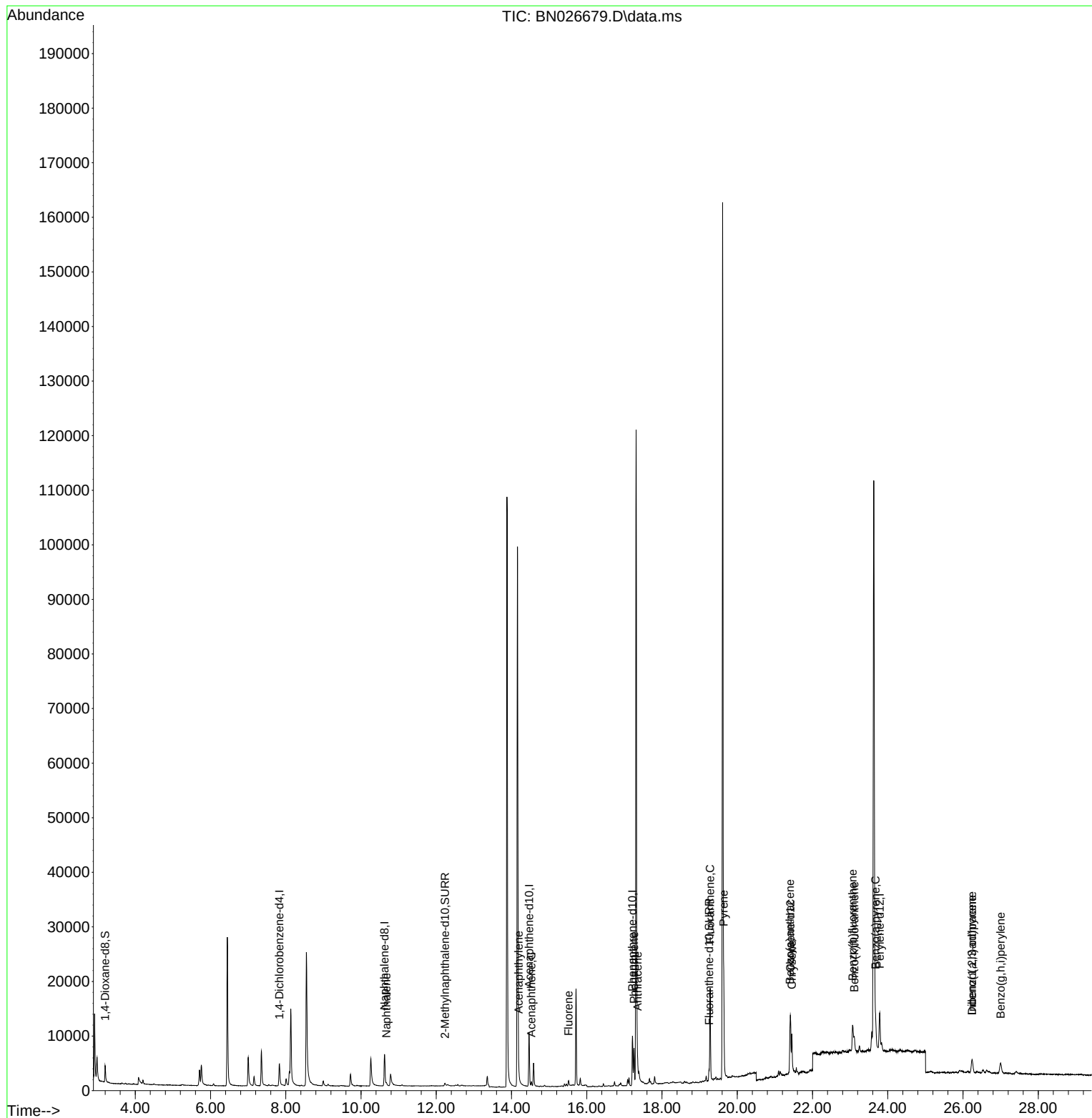
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026679.D
Acq On : 23 Jul 2023 16:31
Operator : MA/JU
Sample : 03472-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

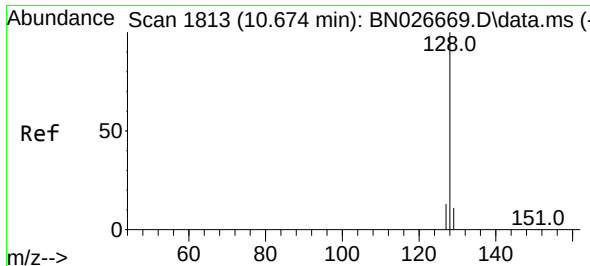
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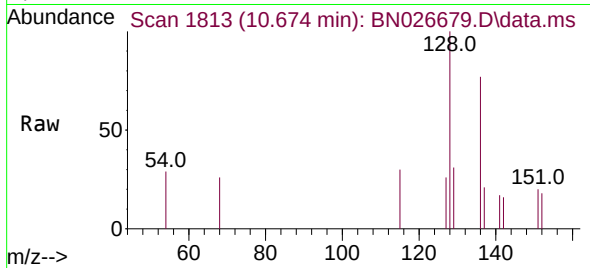
Quant Time: Jul 24 00:42:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.674 min Scan# 1813
Delta R.T. -0.001 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

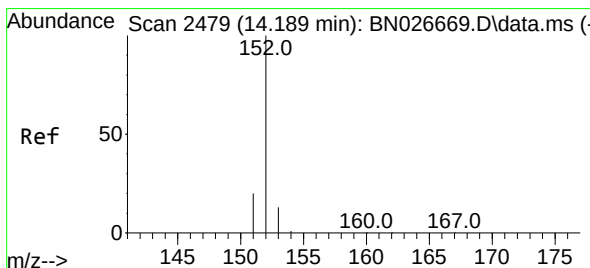
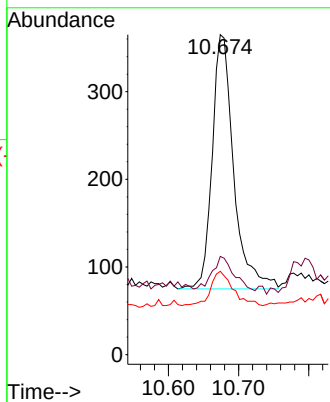
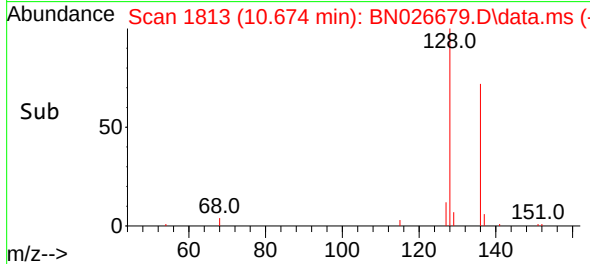
Instrument :
BNA_N
ClientSampleId :
A46Q3DL



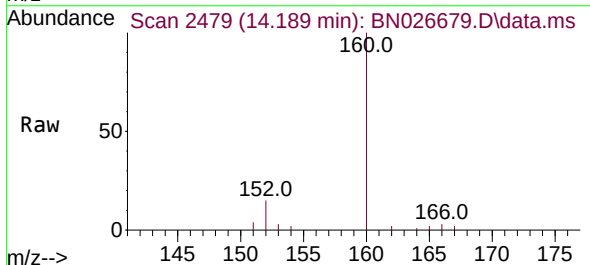
Tgt Ion:128 Resp: 618
Ion Ratio Lower Upper
128 100
129 30.7 10.2 15.2#
127 26.0 11.4 17.0#

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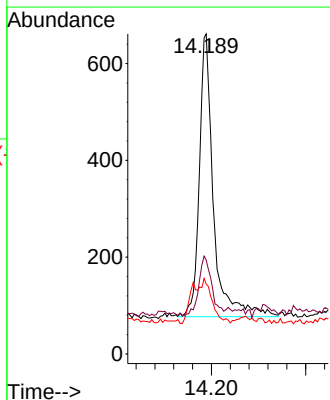
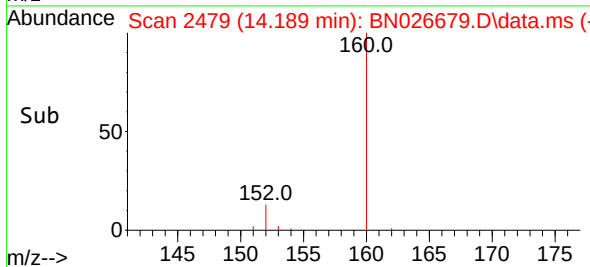
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

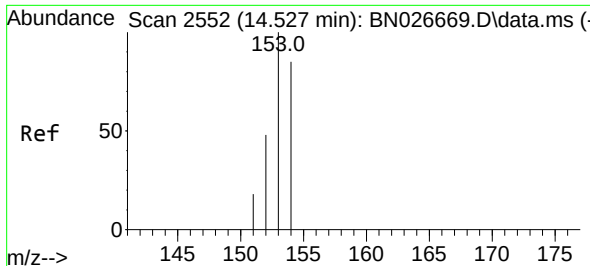


#10
Acenaphthylene
Concen: 0.043 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31



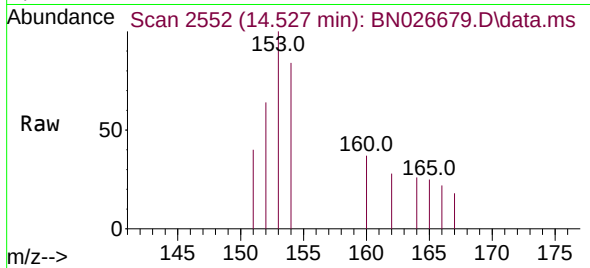
Tgt Ion:152 Resp: 1215
Ion Ratio Lower Upper
152 100
151 29.3 17.0 25.6#
153 21.8 11.4 17.2#





#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.527 min Scan# 2552
Delta R.T. -0.001 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

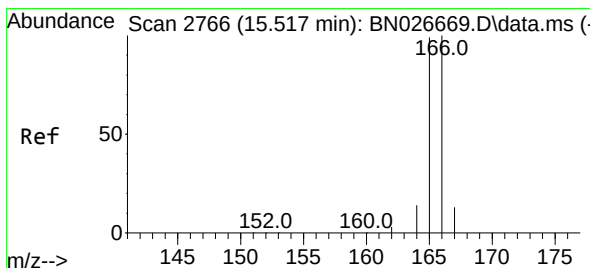
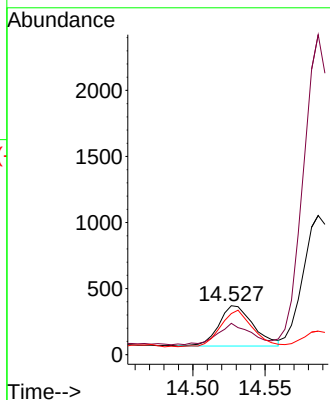
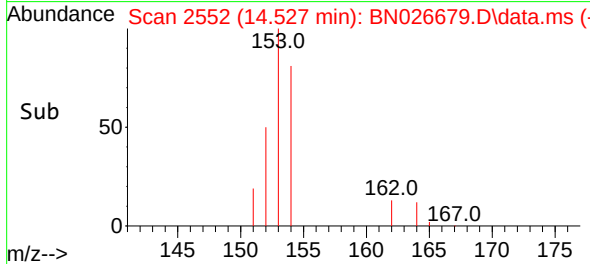
Instrument :
BNA_N
ClientSampleId :
A46Q3DL



Tgt Ion:153 Resp: 508
Ion Ratio Lower Upper
153 100
152 64.1 40.2 60.4
154 84.1 69.3 103.9

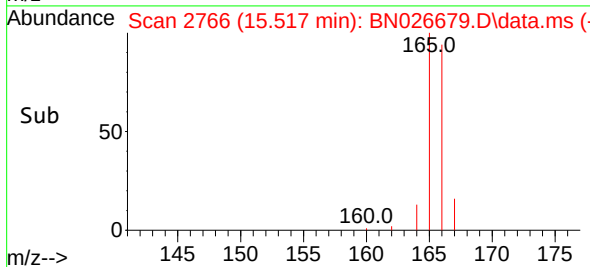
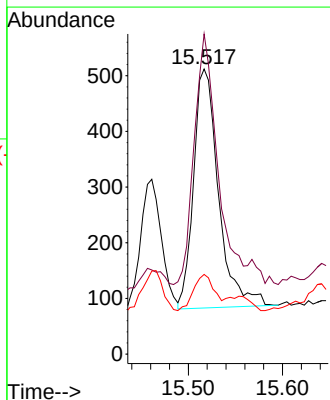
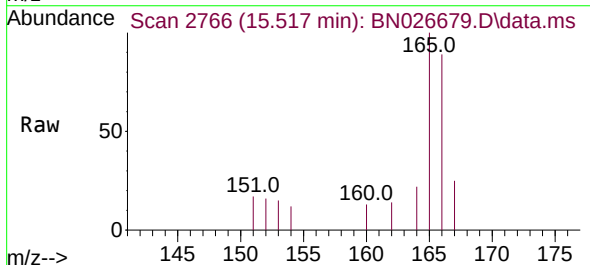
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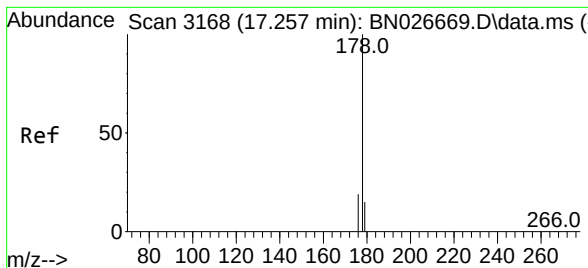
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 0.035 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. -0.001 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

Tgt Ion:166 Resp: 789
Ion Ratio Lower Upper
166 100
165 112.3 80.6 120.8
167 27.9 12.0 18.0





#15

Phenanthrene

Concen: 0.189 ng/ul

RT: 17.257 min Scan# 3168

Delta R.T. -0.001 min

Lab File: BN026679.D

Acq: 23 Jul 2023 16:31

Instrument :

BNA_N

ClientSampleId :

A46Q3DL

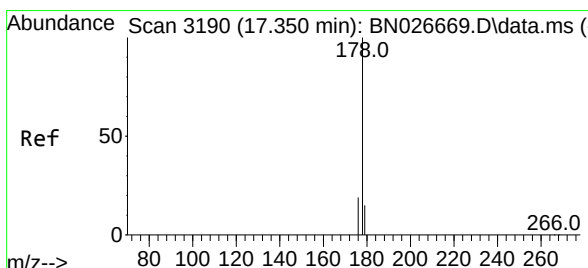
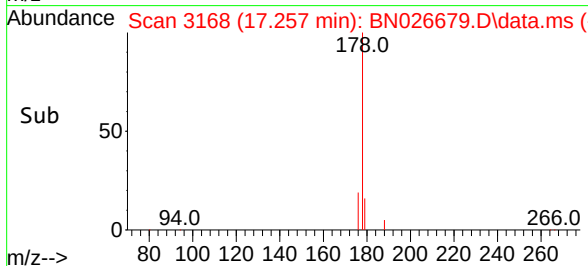
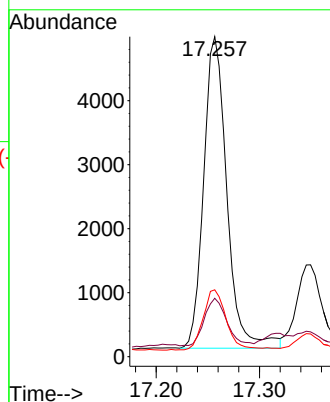
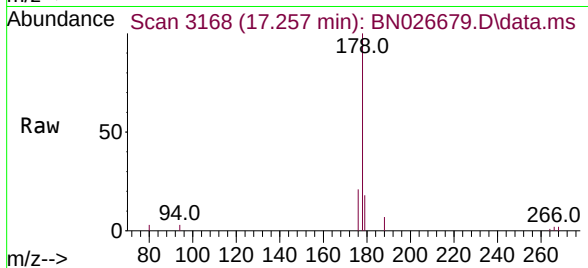
Tgt Ion:178	Resp:	7600
Ion Ratio	Lower	Upper
178	100	
179	18.3	13.7 20.5
176	20.9	16.5 24.7

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Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#16

Anthracene

Concen: 0.064 ng/ul

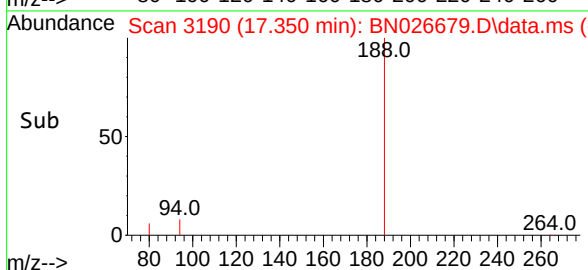
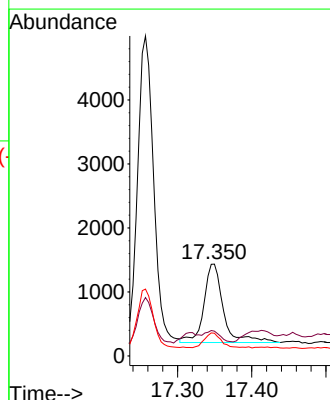
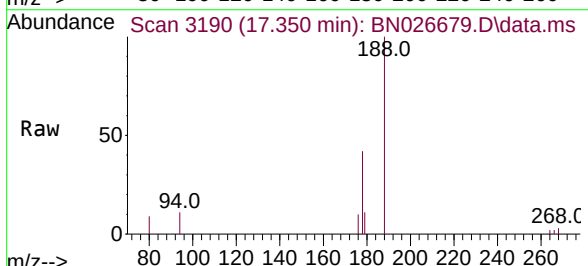
RT: 17.350 min Scan# 3190

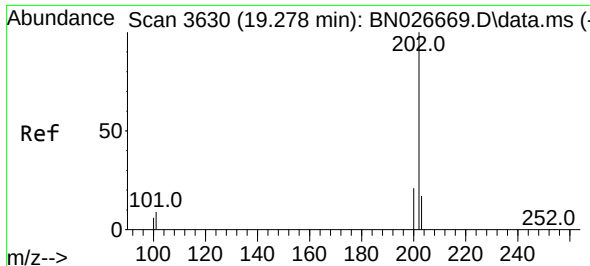
Delta R.T. -0.001 min

Lab File: BN026679.D

Acq: 23 Jul 2023 16:31

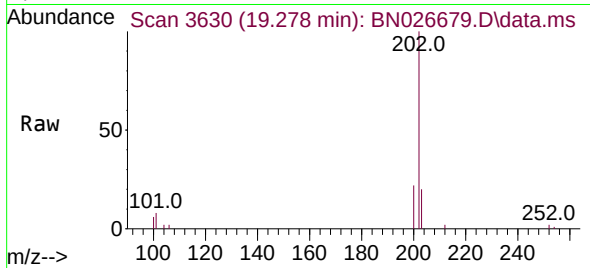
Tgt Ion:178	Resp:	2230
Ion Ratio	Lower	Upper
178	100	
179	27.0	14.8 22.2
176	24.7	16.6 25.0





#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.000 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

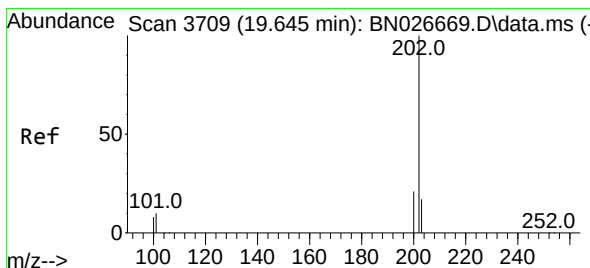
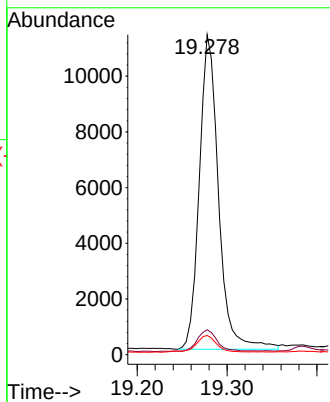
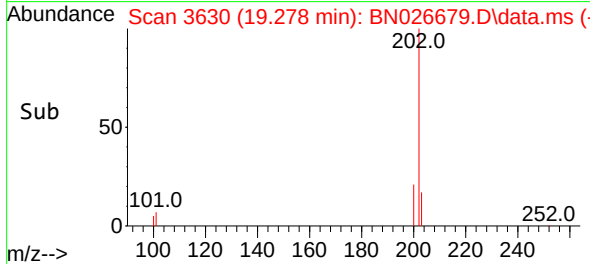
Instrument :
BNA_N
ClientSampleId :
A46Q3DL



Tgt Ion:202 Resp: 1678
Ion Ratio Lower Upper
202 100
101 7.8 7.0 10.4
100 6.0 6.0 9.0

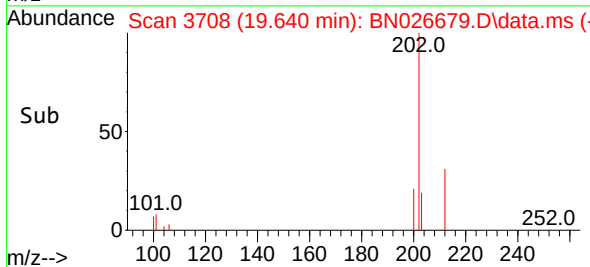
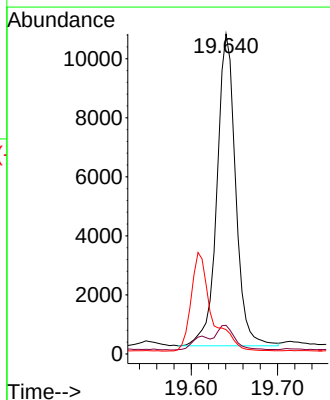
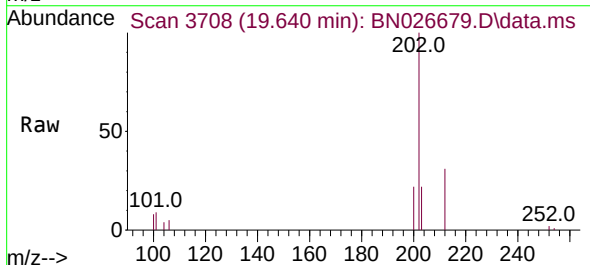
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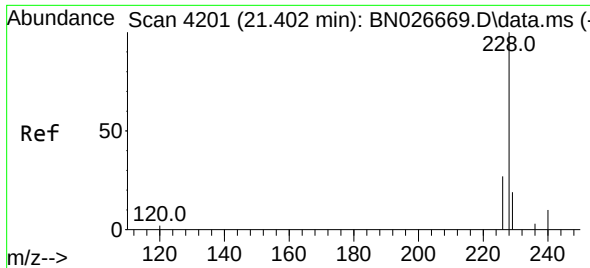
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.365 ng/ul
RT: 19.640 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

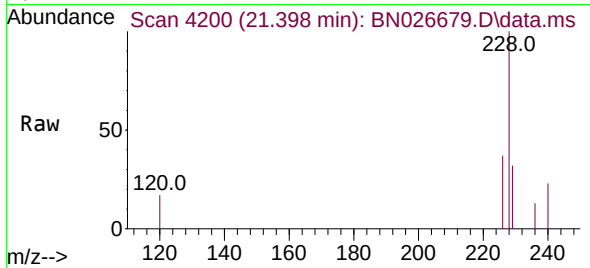
Tgt Ion:202 Resp: 15947
Ion Ratio Lower Upper
202 100
101 9.0 8.0 12.0
100 7.6 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.243 ng/u1
RT: 21.398 min Scan# 4200
Delta R.T. -0.003 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

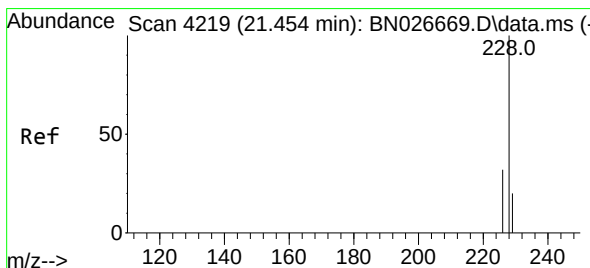
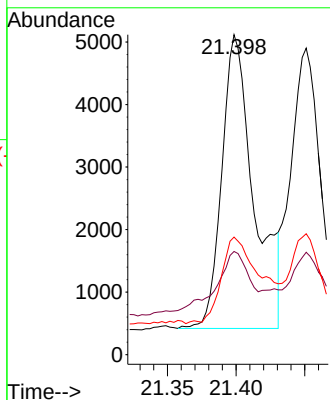
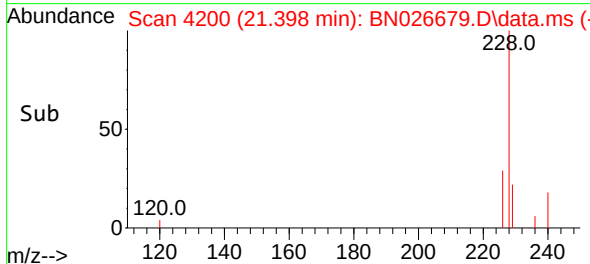
Instrument :
BNA_N
ClientSampleId :
A46Q3DL



Tgt Ion:228 Resp: 765
Ion Ratio Lower Upper
228 100
229 32.2 16.7 25.1#
226 36.7 23.5 35.3#

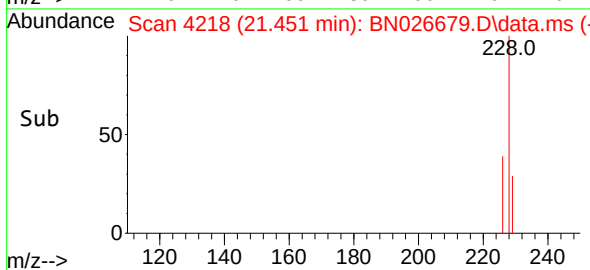
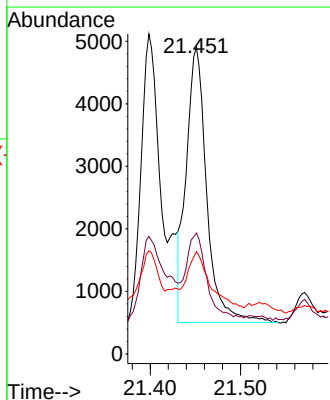
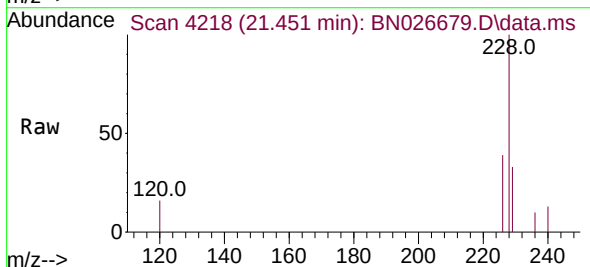
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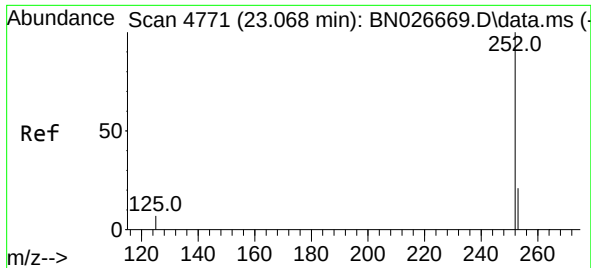
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 0.194 ng/u1
RT: 21.451 min Scan# 4218
Delta R.T. -0.003 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

Tgt Ion:228 Resp: 6944
Ion Ratio Lower Upper
228 100
226 39.4 25.2 37.8#
229 33.4 16.4 24.6#





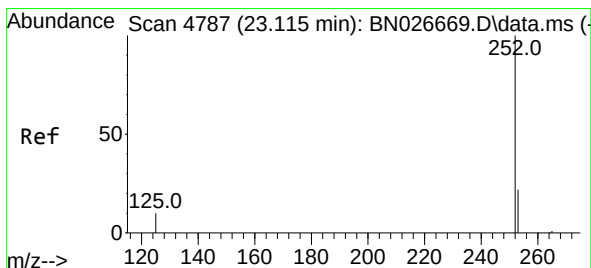
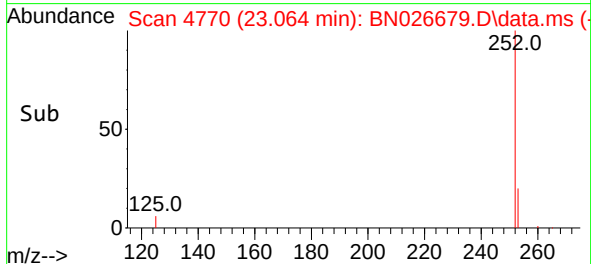
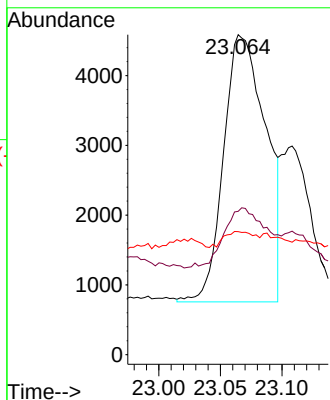
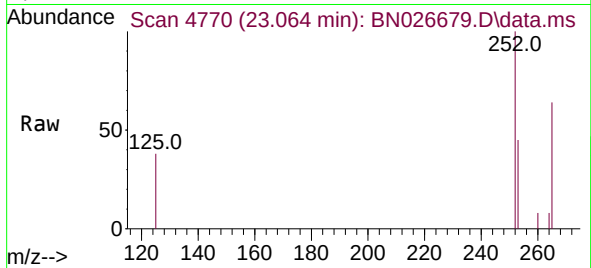
#24
Benzo(b)fluoranthene
Concen: 0.239 ng/ul m
RT: 23.064 min Scan# 4770
Delta R.T. -0.003 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :
A46Q3DL

Tgt Ion:252 Resp: 916
Ion Ratio Lower Upper
252 100
253 44.8 0.0 68.6
125 38.5 0.0 34.0

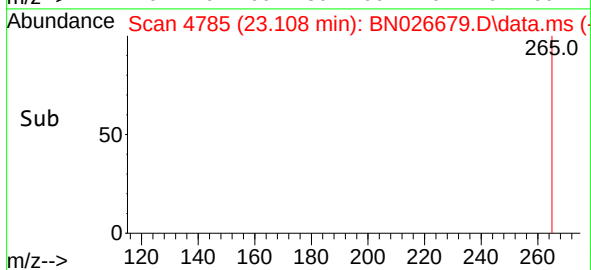
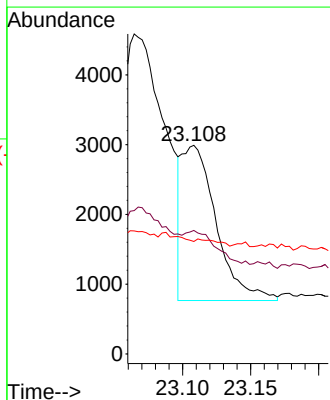
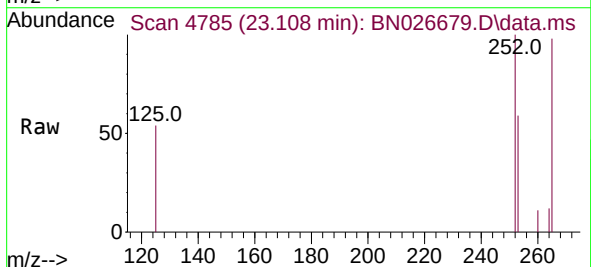
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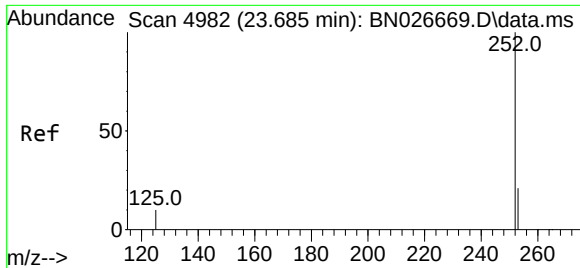
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.097 ng/ul m
RT: 23.108 min Scan# 4785
Delta R.T. -0.006 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

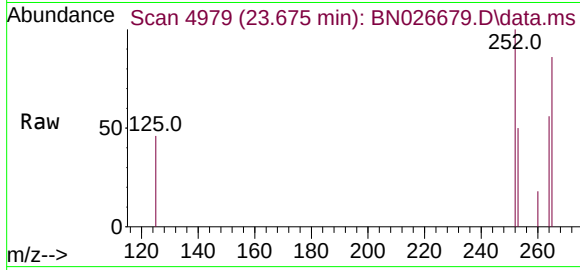
Tgt Ion:252 Resp: 3906
Ion Ratio Lower Upper
252 100
253 59.2 27.2 40.8#
125 53.9 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.197 ng/ul
RT: 23.675 min Scan# 4982
Delta R.T. -0.009 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

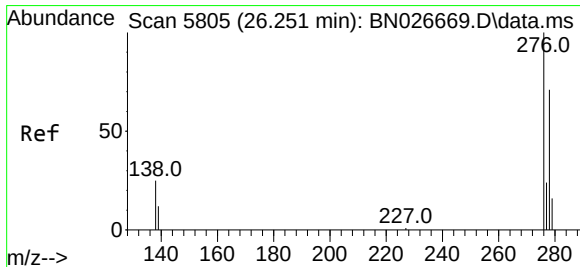
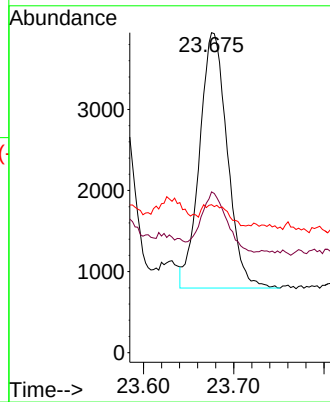
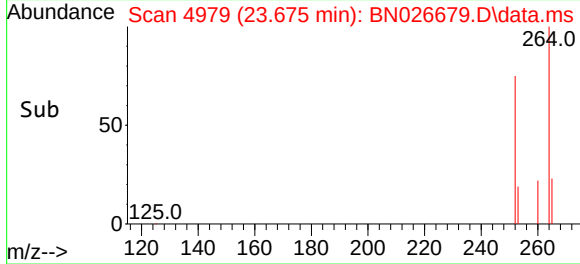
Instrument :
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A46Q3DL



Tgt Ion:252 Resp: 6725
Ion Ratio Lower Upper
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253 50.3 32.6 49.0#
125 46.3 19.3 28.9#

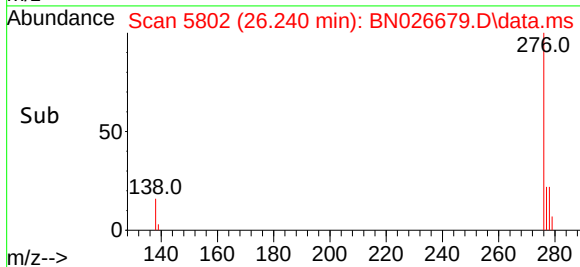
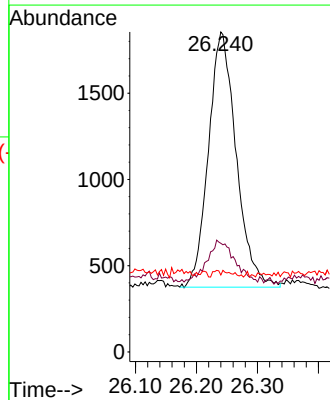
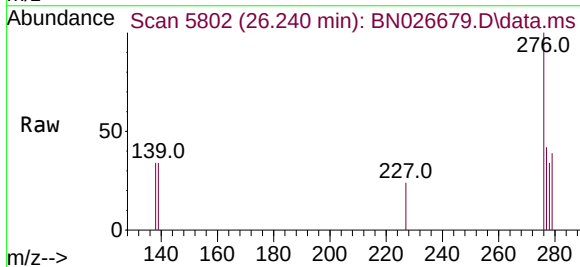
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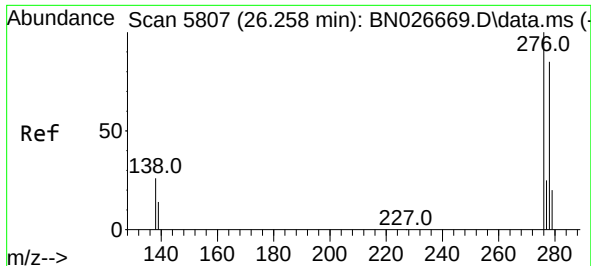
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 26.240 min Scan# 5802
Delta R.T. -0.011 min
Lab File: BN026679.D
Acq: 23 Jul 2023 16:31

Tgt Ion:276 Resp: 4675
Ion Ratio Lower Upper
276 100
138 0.0 22.2 33.4#
227 0.9 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.035 ng/ul

RT: 26.240 min Scan# 5807

Delta R.T. -0.018 min

Lab File: BN026679.D

Acq: 23 Jul 2023 16:31

Instrument :

BNA_N

ClientSampleId :

A46Q3DL

Tgt Ion:278 Resp: 1214

Ion Ratio Lower Upper

278 100

139 100.0 18.9 28.3

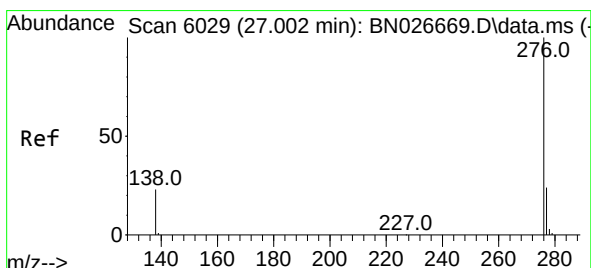
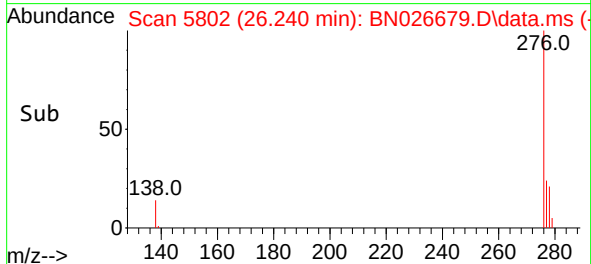
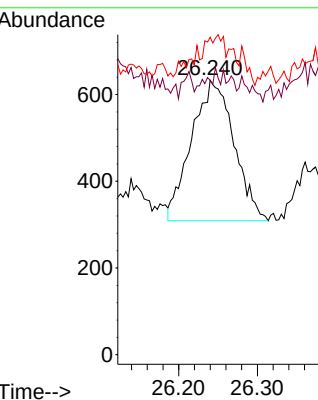
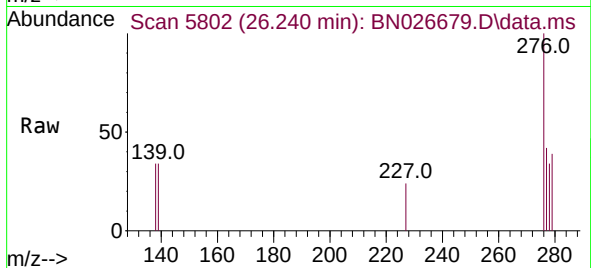
279 115.6 31.3 46.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/24/2023

Supervised By :mohammad ahmed 07/24/2023



#29

Benzo(g,h,i)perylene

Concen: 0.120 ng/ul

RT: 27.001 min Scan# 6029

Delta R.T. -0.001 min

Lab File: BN026679.D

Acq: 23 Jul 2023 16:31

Tgt Ion:276 Resp: 4737

Ion Ratio Lower Upper

276 100

138 35.5 22.6 34.0#

277 43.8 21.8 32.8#

