

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022302.D
 Acq On : 24 Oct 2022 17:07
 Operator : CG/JU
 Sample : N5070-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BR4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:31:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	3860	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	13917	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	7982	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	16224	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	9670	0.400	ng/ul	0.00
23) Perylene-d12	24.038	264	7416	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	23140	4.613	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	6279	0.298	ng/ul	0.00
18) Fluoranthene-d10	19.411	212	12601	0.388	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.820	128	3639	0.089	ng/ul#	94
7) 2-Methylnaphthalene	12.443	142	3109	0.120	ng/ul	99
8) 1-Methylnaphthalene	12.663	142	2405	0.090	ng/ul	100
10) Acenaphthylene	14.340	152	811	0.023	ng/ul#	67
15) Phenanthrene	17.415	178	7282	0.134	ng/ul	98
16) Anthracene	17.504	178	2613m	0.057	ng/ul	
19) Fluoranthene	19.438	202	8387	0.189	ng/ul	97
20) Pyrene	19.806	202	7196m	0.162	ng/ul	
21) Benzo(a)anthracene	21.562	228	3253	0.090	ng/ul#	89
22) Chrysene	21.614	228	4537	0.118	ng/ul#	91
24) Benzo(b)fluoranthene	23.283	252	6555m	0.176	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	1843m	0.051	ng/ul	
26) Benzo(a)pyrene	23.924	252	2731	0.092	ng/ul#	8
27) Indeno(1,2,3-cd)pyrene	26.619	276	3030	0.082	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.632	278	843	0.029	ng/ul#	5
29) Benzo(g,h,i)perylene	27.413	276	2974	0.099	ng/ul#	83

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

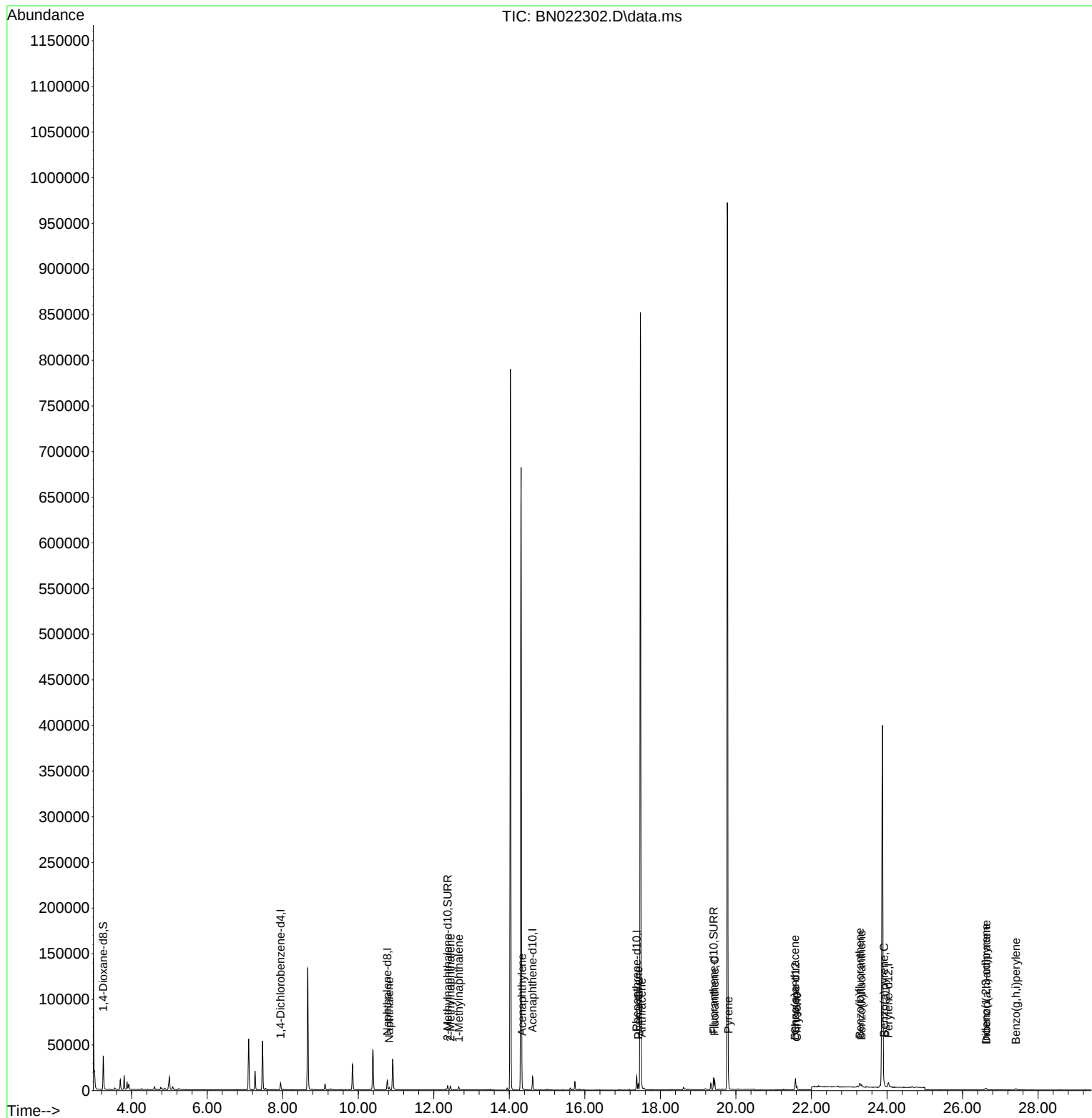
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022302.D
Acq On : 24 Oct 2022 17:07
Operator : CG/JU
Sample : N5070-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

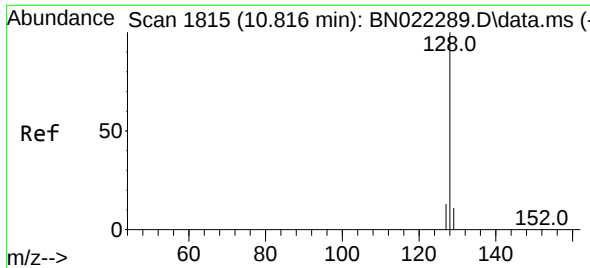
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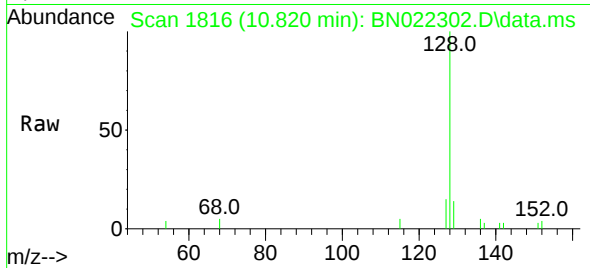
Quant Time: Oct 25 04:31:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.089 ng/ul
RT: 10.820 min Scan# 1815
Delta R.T. -0.001 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07

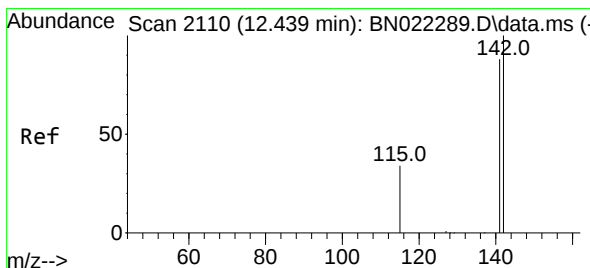
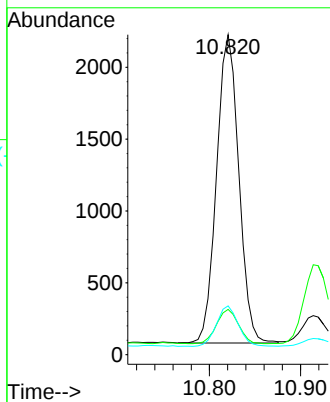
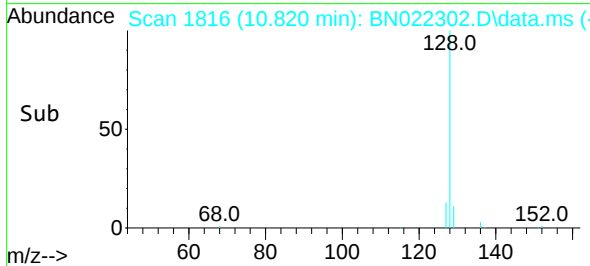
Instrument :
BNA_N
ClientSampleId :
C0BR4



Tgt Ion:128 Resp: 3639
Ion Ratio Lower Upper
128 100
129 14.1 9.3 13.9
127 15.3 10.7 16.1

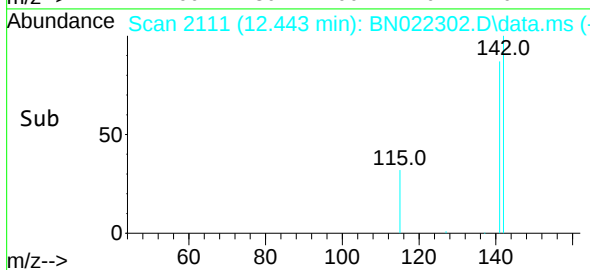
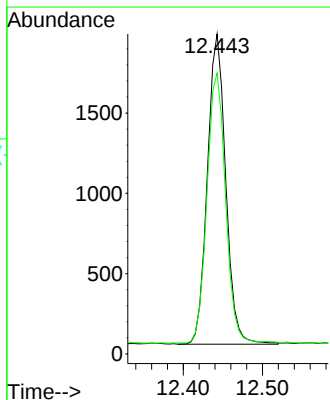
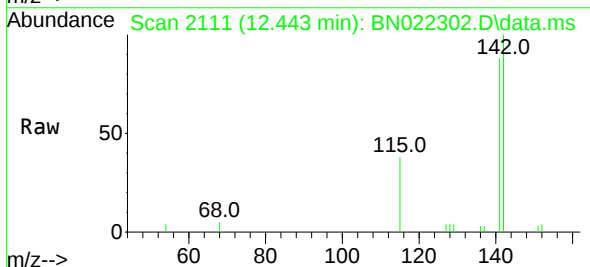
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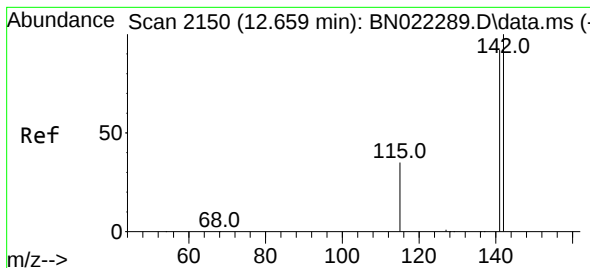
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 0.120 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.001 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07

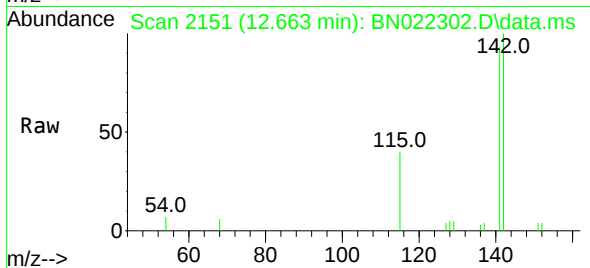
Tgt Ion:142 Resp: 3109
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.663 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07

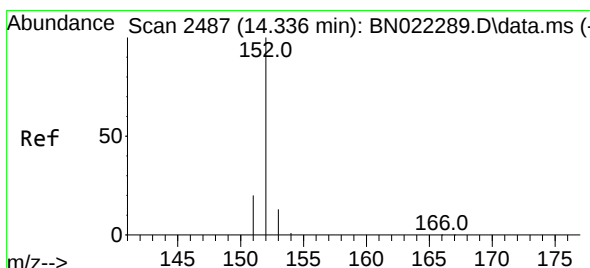
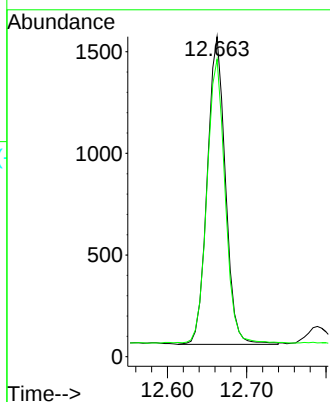
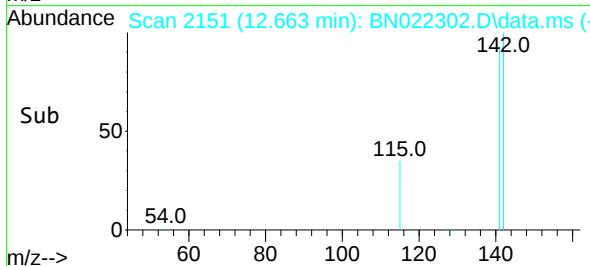
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 240
Ion Ratio Lower Upper
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141 91.5 73.3 109.9

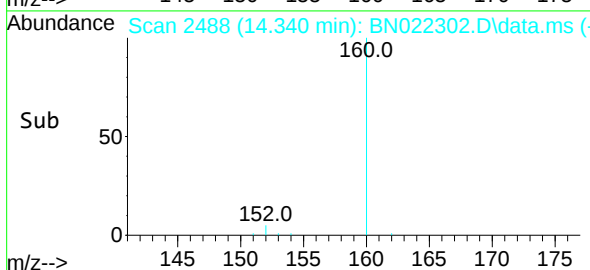
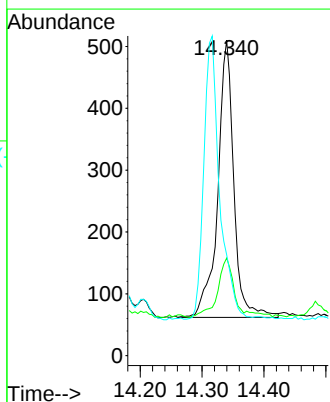
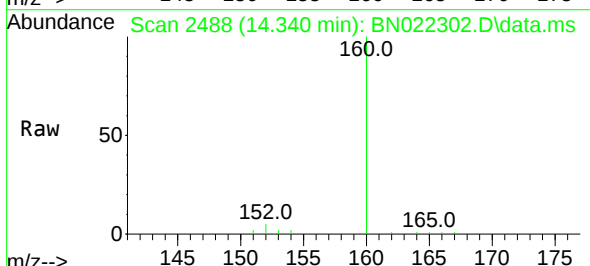
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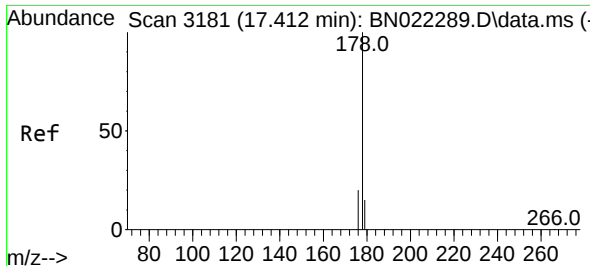
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.340 min Scan# 2488
Delta R.T. -0.001 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07

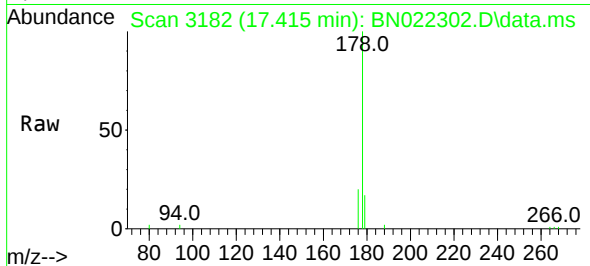
Tgt Ion:152 Resp: 811
Ion Ratio Lower Upper
152 100
151 31.0 15.9 23.9#
153 32.0 10.8 16.2#





#15
Phenanthrene
Concen: 0.134 ng/ul
RT: 17.415 min Scan# 3181
Delta R.T. -0.001 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07

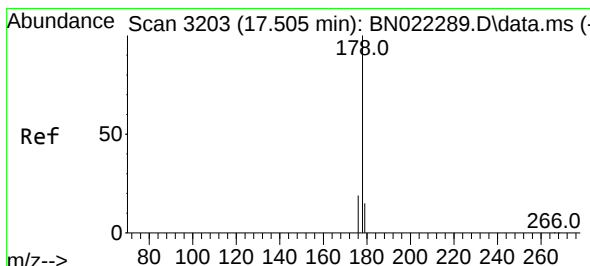
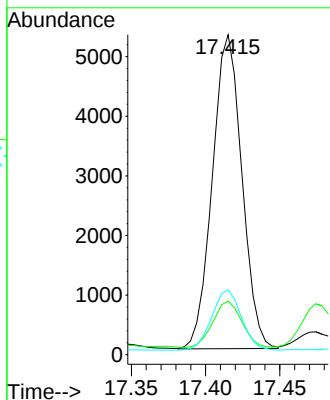
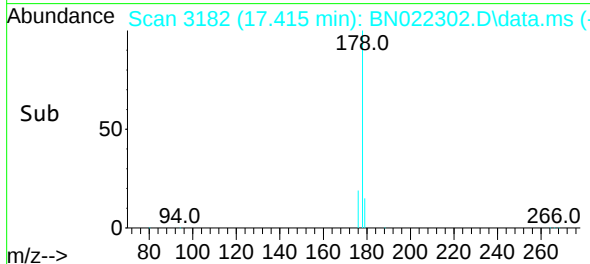
Instrument :
BNA_N
ClientSampleId :
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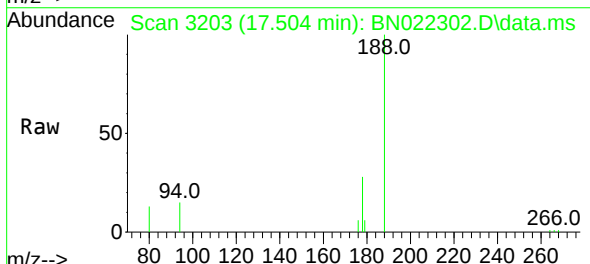
Tgt Ion:178 Resp: 728
Ion Ratio Lower Upper
178 100
179 16.7 12.7 19.1
176 20.3 15.4 23.2

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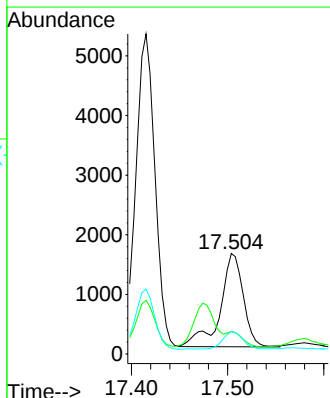
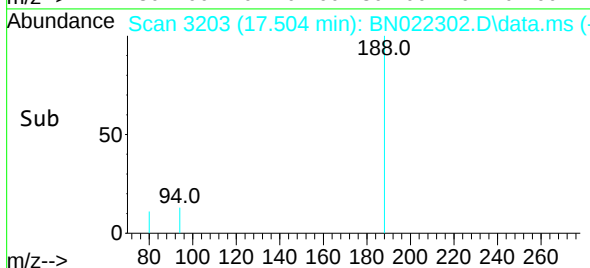
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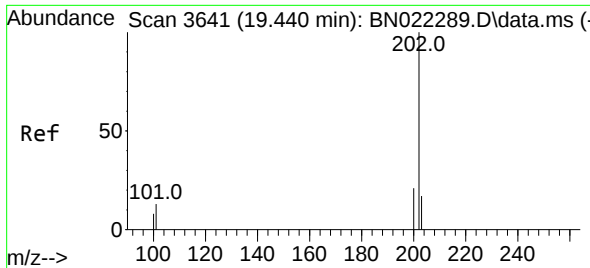


#16
Anthracene
Concen: 0.057 ng/ul m
RT: 17.504 min Scan# 3203
Delta R.T. -0.006 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07



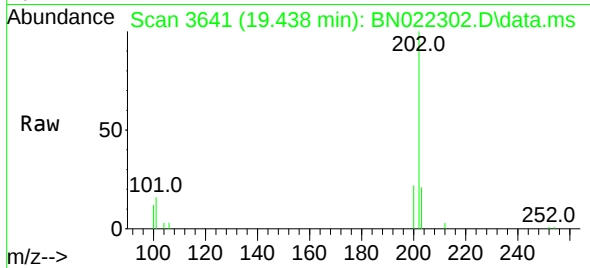
Tgt Ion:178 Resp: 2613
Ion Ratio Lower Upper
178 100
179 22.2 12.6 18.8#
176 22.1 15.0 22.6





#19
Fluoranthene
Concen: 0.189 ng/ul
RT: 19.438 min Scan# 30
Delta R.T. -0.001 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07

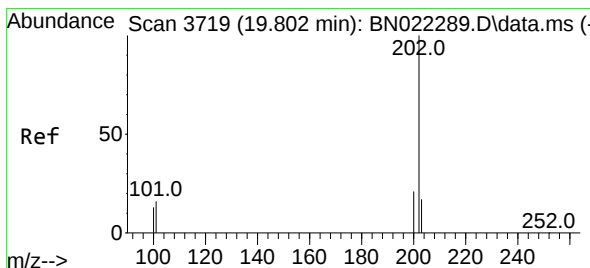
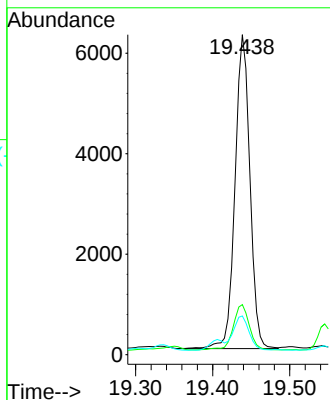
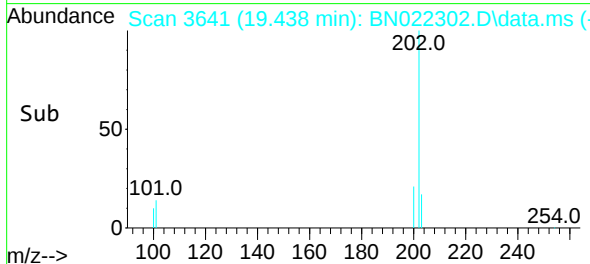
Instrument :
BNA_N
ClientSampleId :
C0BR4



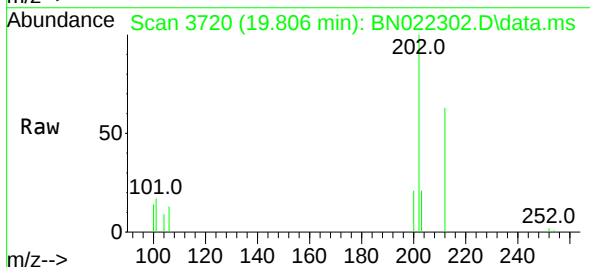
Tgt Ion:202 Resp: 838
Ion Ratio Lower Upper
202 100
101 15.6 11.8 17.6
100 12.1 8.7 13.1

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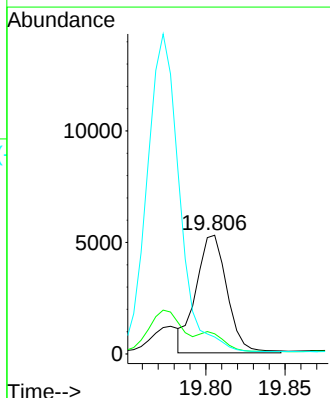
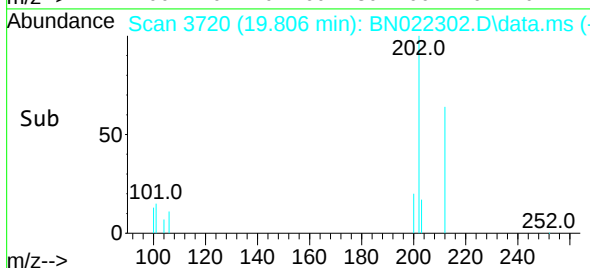
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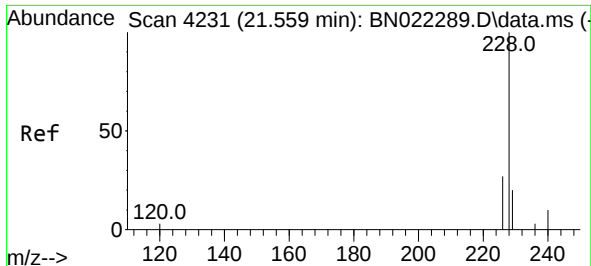


#20
Pyrene
Concen: 0.162 ng/ul m
RT: 19.806 min Scan# 3720
Delta R.T. 0.003 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07



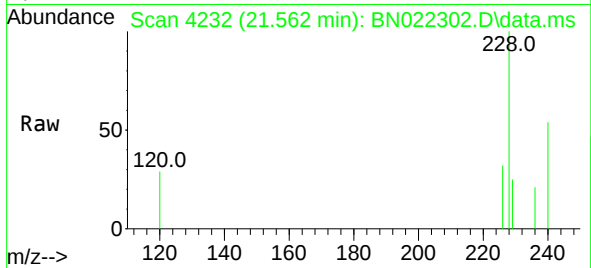
Tgt Ion:202 Resp: 7196
Ion Ratio Lower Upper
202 100
101 17.0 13.1 19.7
100 14.3 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.090 ng/u1
RT: 21.562 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07

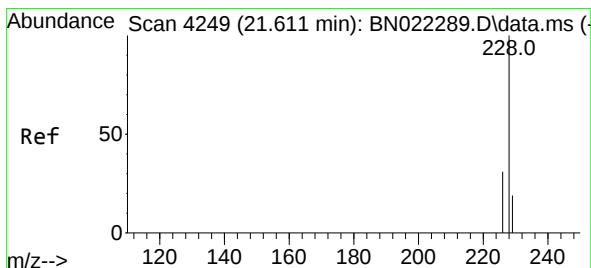
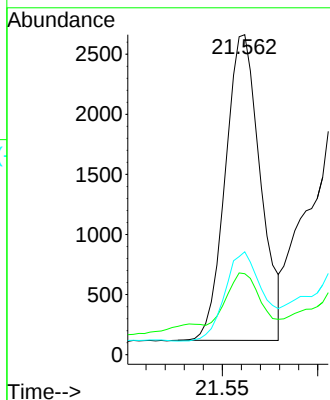
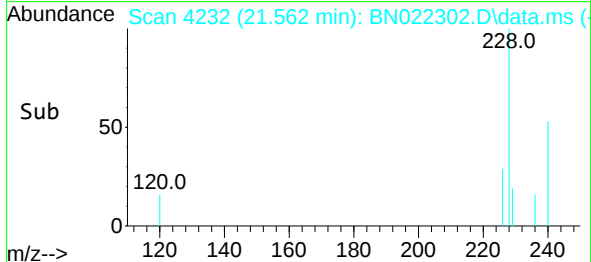
Instrument :
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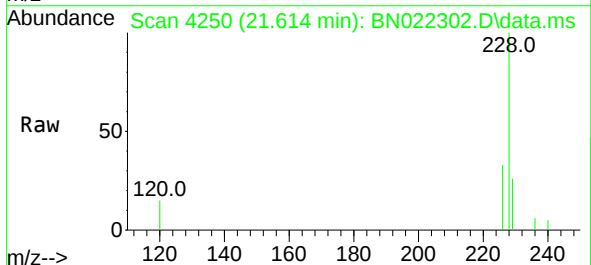
Tgt Ion:228 Resp: 325
Ion Ratio Lower Upper
228 100
229 25.3 15.7 23.5
226 32.1 21.5 32.3

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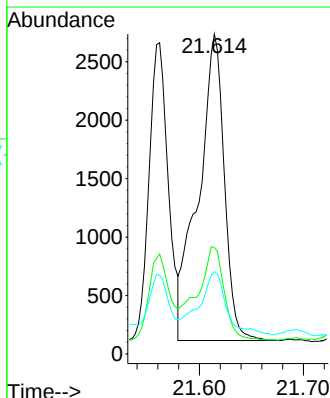
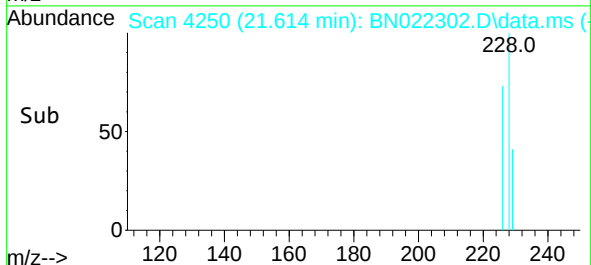
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Supervised By :mohammad ahmed 10/27/2022

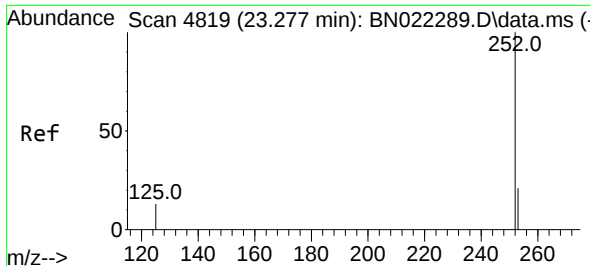


#22
Chrysene
Concen: 0.118 ng/u1
RT: 21.614 min Scan# 4250
Delta R.T. 0.003 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07



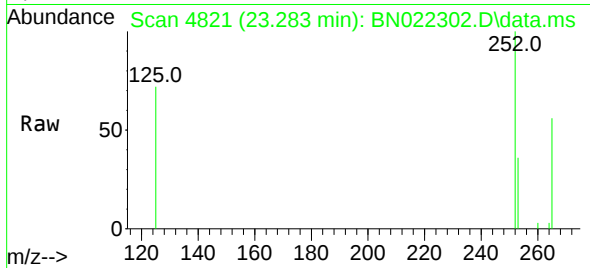
Tgt Ion:228 Resp: 4537
Ion Ratio Lower Upper
228 100
226 33.3 23.9 35.9
229 25.7 15.9 23.9#





#24
Benzo(b)fluoranthene
Concen: 0.176 ng/ul m
RT: 23.283 min Scan# 4821
Delta R.T. 0.006 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07

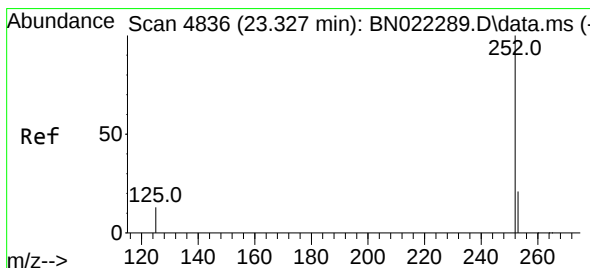
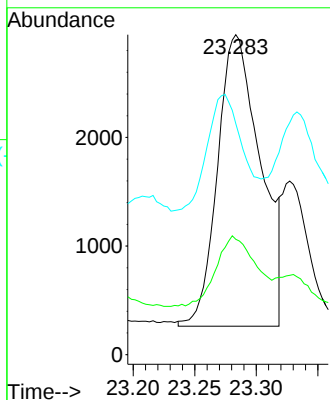
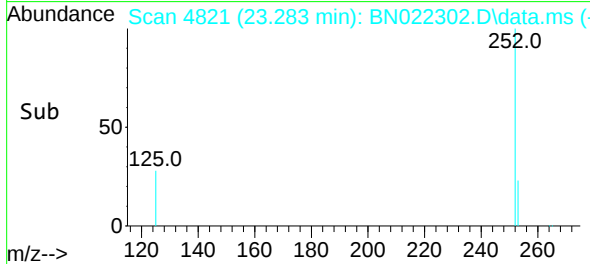
Instrument :
BNA_N
ClientSampleId :
C0BR4



Tgt Ion:252 Resp: 655
Ion Ratio Lower Upper
252 100
253 36.0 0.0 49.0
125 72.2 0.0 35.2

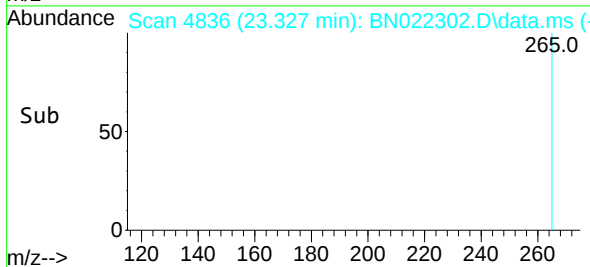
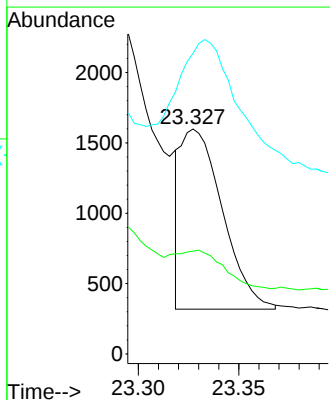
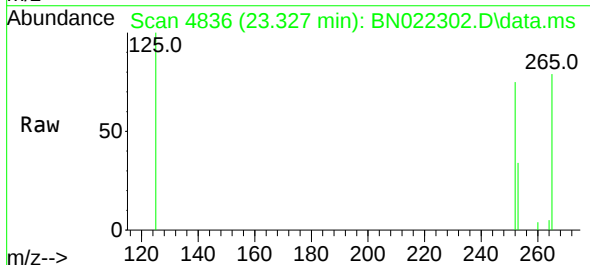
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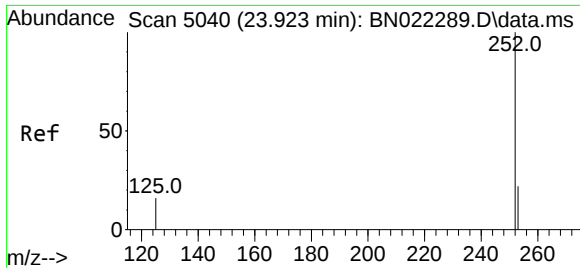
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.051 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. 0.000 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07

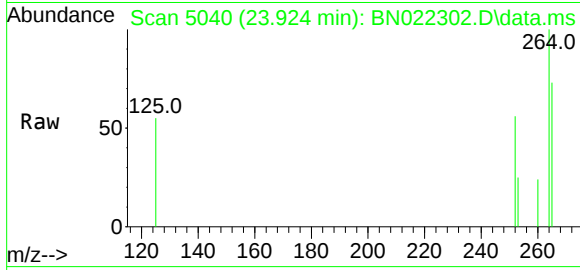
Tgt Ion:252 Resp: 1843
Ion Ratio Lower Upper
252 100
253 45.7 19.7 29.5#
125 133.6 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.092 ng/u1
RT: 23.924 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07

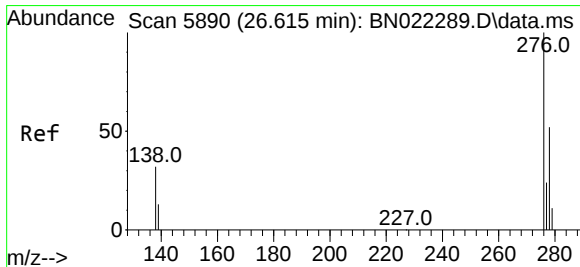
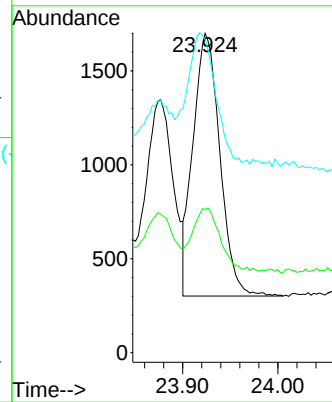
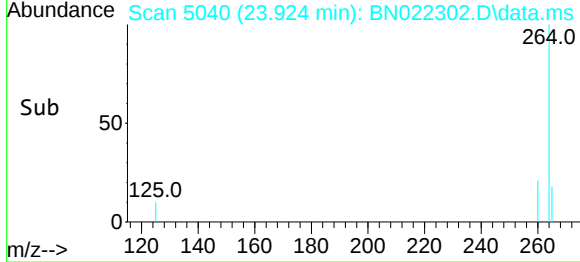
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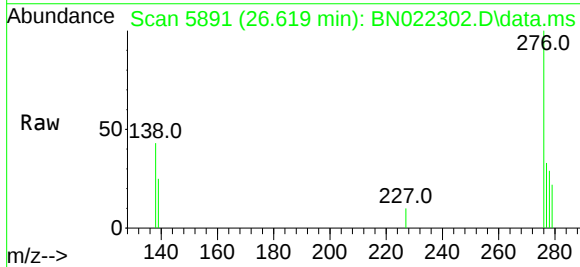
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Ion Ratio Lower Upper
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253 44.9 21.0 31.6
125 98.1 17.9 26.9

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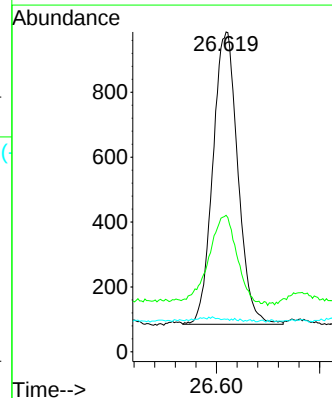
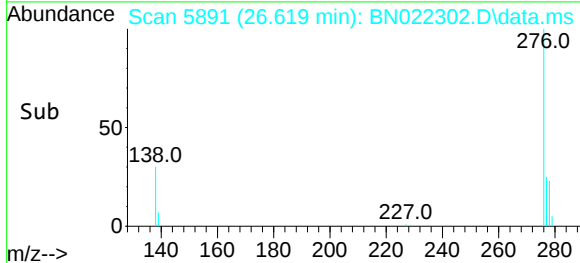
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

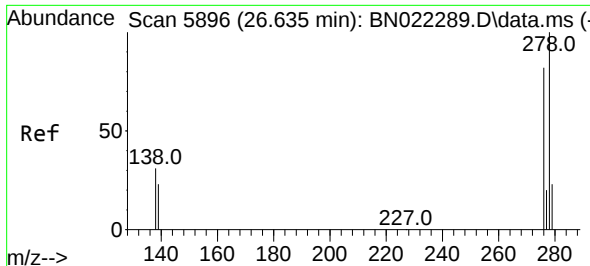


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng/u1
RT: 26.619 min Scan# 5891
Delta R.T. 0.004 min
Lab File: BN022302.D
Acq: 24 Oct 2022 17:07



Tgt Ion:276 Resp: 3030
Ion Ratio Lower Upper
276 100
138 33.8 27.7 41.5
227 0.0 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

RT: 26.632 min Scan# 5896

Delta R.T. -0.006 min

Lab File: BN022302.D

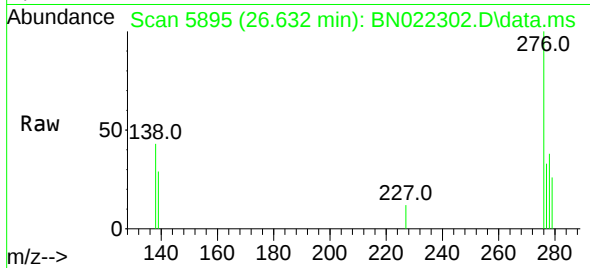
Acq: 24 Oct 2022 17:07

Instrument :

BNA_N

ClientSampleId :

C0BR4



Tgt Ion:278 Resp: 84

Ion Ratio Lower Upper

278 100

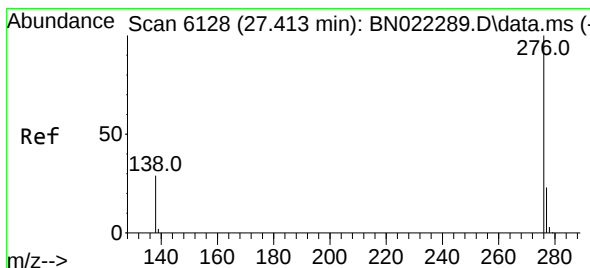
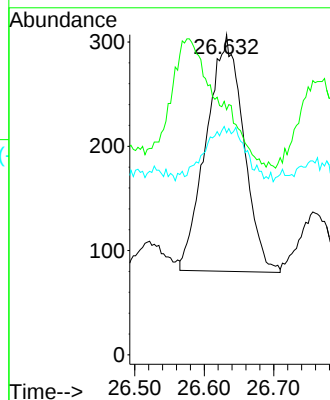
139 76.5 19.6 29.4

279 69.4 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#29

Benzo(g,h,i)perylene

Concen: 0.099 ng/ul

RT: 27.413 min Scan# 6128

Delta R.T. 0.004 min

Lab File: BN022302.D

Acq: 24 Oct 2022 17:07

Tgt Ion:276 Resp: 2974

Ion Ratio Lower Upper

276 100

138 42.4 25.2 37.8

277 32.2 19.9 29.9

