

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022319.D
 Acq On : 25 Oct 2022 10:55
 Operator : CG/JU
 Sample : N5070-01DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BK4DL

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 05:12:30 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	4779	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	16012	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	7953	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	13518	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	9230	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	8559	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	3851	0.620	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	1038	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	1466	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	5150	0.109	ng/ul	97
7) 2-Methylnaphthalene	12.444	142	3721	0.125	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	3060	0.100	ng/ul	100
10) Acenaphthylene	14.341	152	977	0.027	ng/ul#	75
15) Phenanthrene	17.412	178	9981	0.220	ng/ul	99
16) Anthracene	17.505	178	1193	0.031	ng/ul#	83
19) Fluoranthene	19.440	202	13315	0.315	ng/ul	99
20) Pyrene	19.802	202	12236	0.288	ng/ul	99
21) Benzo(a)anthracene	21.561	228	4486	0.130	ng/ul	93
22) Chrysene	21.614	228	5957	0.163	ng/ul	96
24) Benzo(b)fluoranthene	23.286	252	8305m	0.193	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	3091m	0.074	ng/ul	
26) Benzo(a)pyrene	23.923	252	5083	0.148	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.618	276	4268	0.100	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.635	278	983	0.029	ng/ul#	32
29) Benzo(g,h,i)perylene	27.413	276	3656	0.105	ng/ul#	89

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

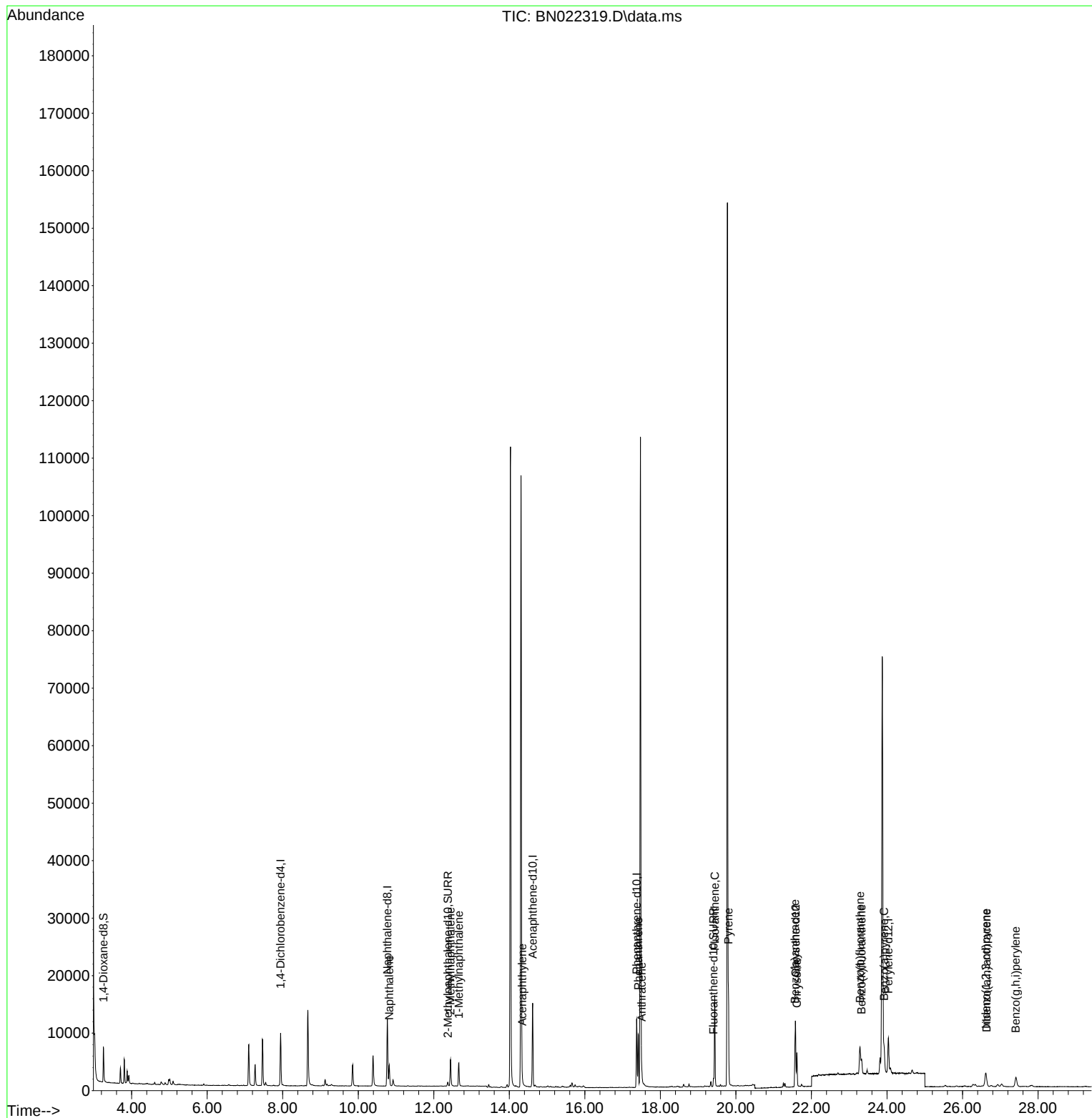
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
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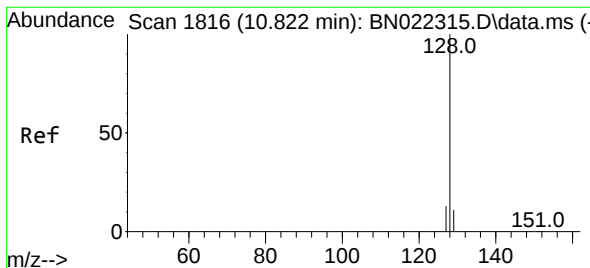
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#5

Naphthalene

Concen: 0.109 ng/ul

RT: 10.822 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BN022319.D

Acq: 25 Oct 2022 10:55

Instrument :

BNA_N

ClientSampleId :

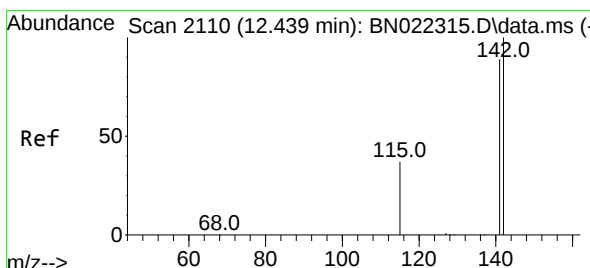
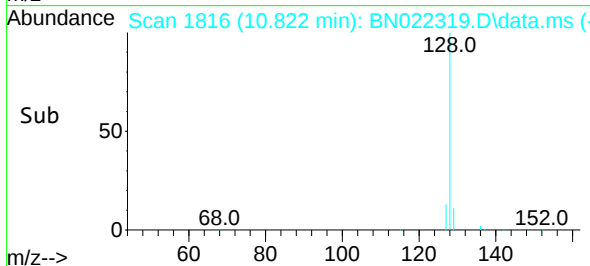
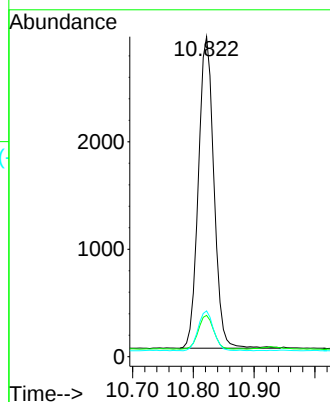
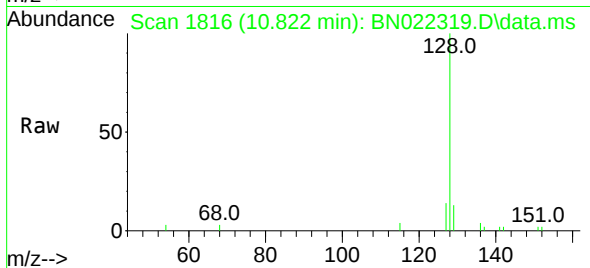
C0BK4DL

Tgt Ion:128	Resp:	5150
Ion Ratio	Lower	Upper
128	100	
129	12.9	9.3 13.9
127	14.3	10.7 16.1

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#7

2-Methylnaphthalene

Concen: 0.125 ng/ul

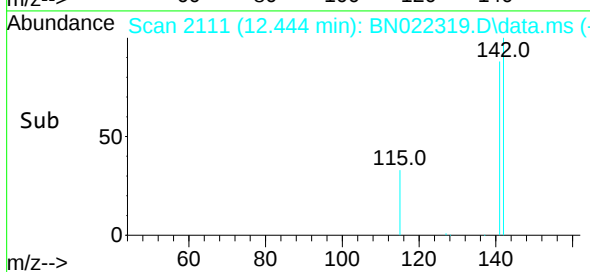
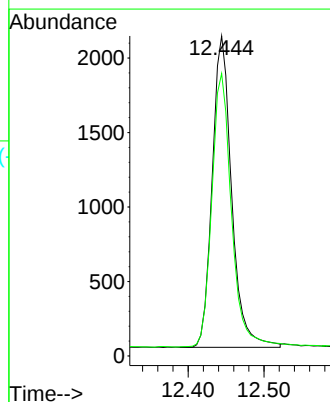
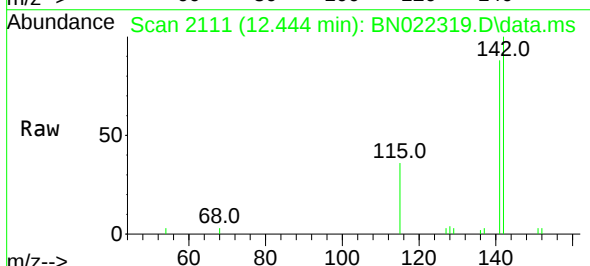
RT: 12.444 min Scan# 2111

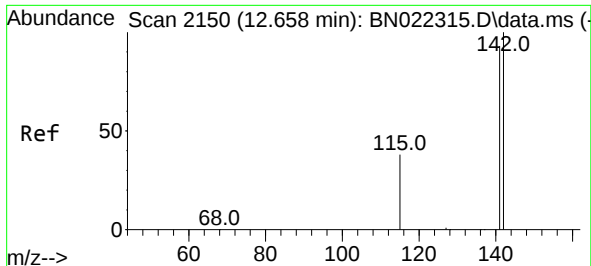
Delta R.T. 0.000 min

Lab File: BN022319.D

Acq: 25 Oct 2022 10:55

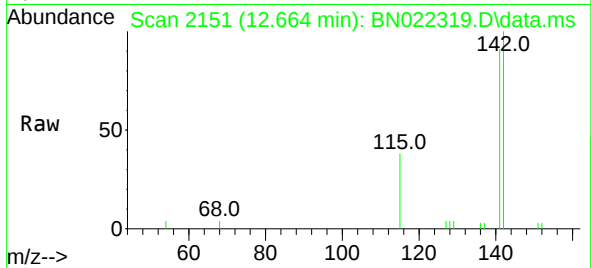
Tgt Ion:142	Resp:	3721
Ion Ratio	Lower	Upper
142	100	
141	88.7	71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.664 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55

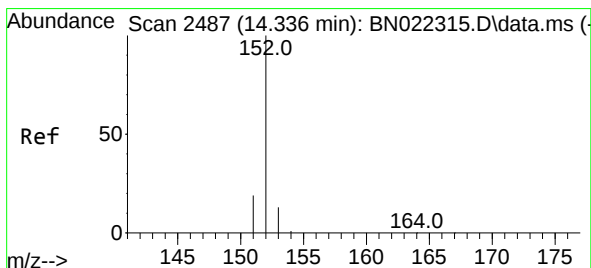
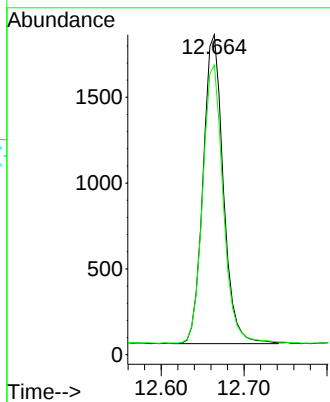
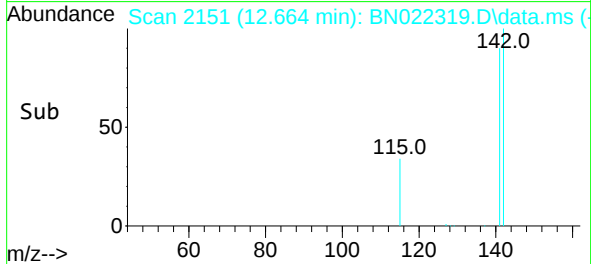
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Tgt Ion:142 Resp: 3060
Ion Ratio Lower Upper
142 100
141 91.3 73.3 109.9

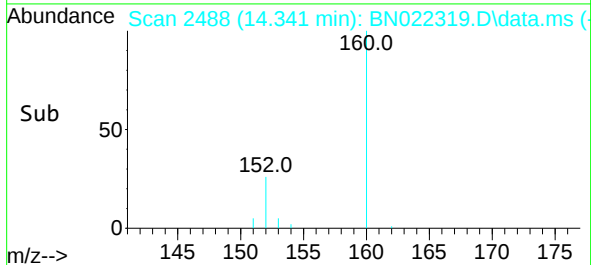
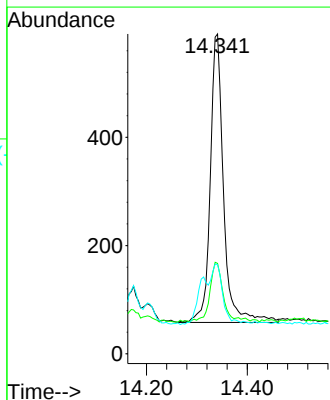
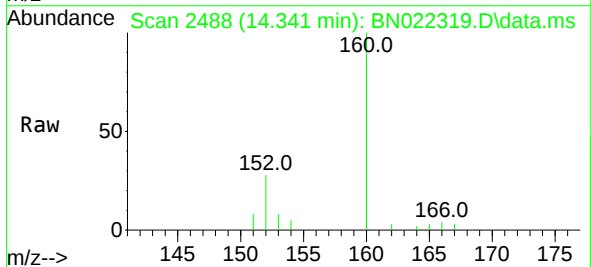
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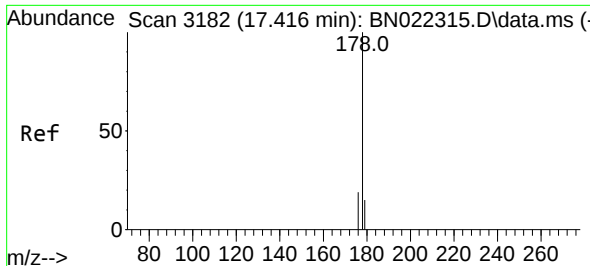
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55

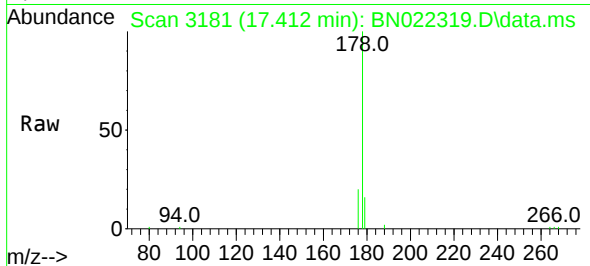
Tgt Ion:152 Resp: 977
Ion Ratio Lower Upper
152 100
151 28.3 15.9 23.9#
153 27.9 10.8 16.2#





#15
Phenanthrene
Concen: 0.220 ng/u1
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55

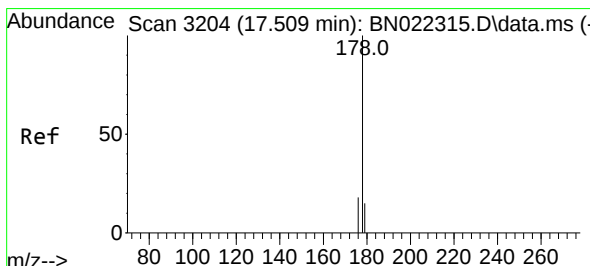
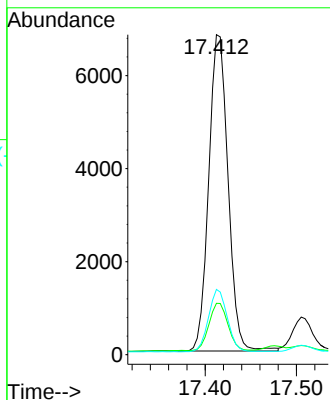
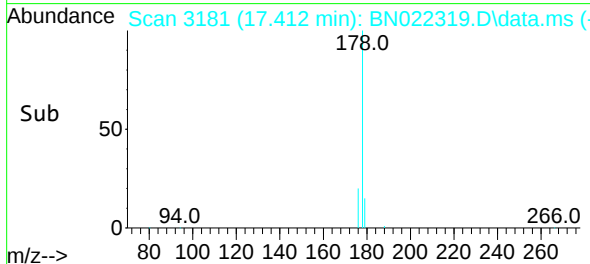
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 998
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 20.4 15.4 23.2

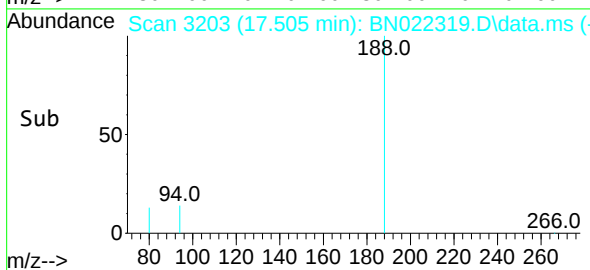
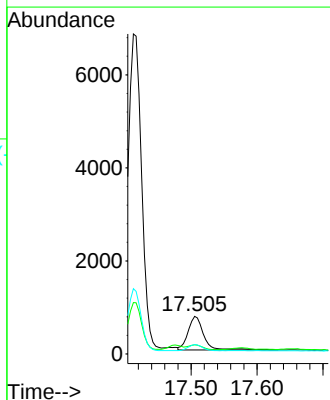
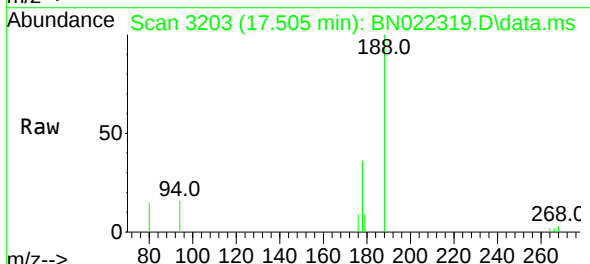
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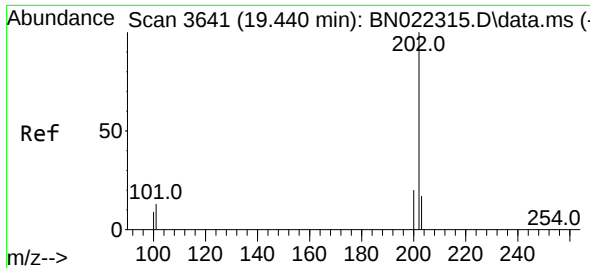
Reviewed By :Jagrut Upadhyay 10/27/2022
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#16
Anthracene
Concen: 0.031 ng/u1
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55

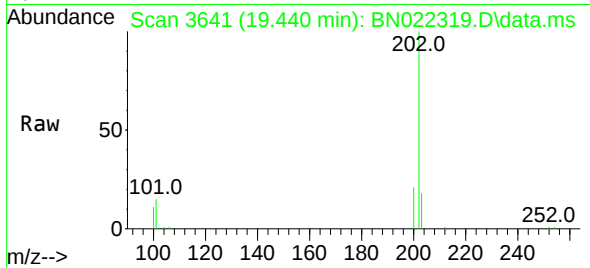
Tgt Ion:178 Resp: 1193
Ion Ratio Lower Upper
178 100
179 24.4 12.6 18.8#
176 25.1 15.0 22.6#





#19
Fluoranthene
Concen: 0.315 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55

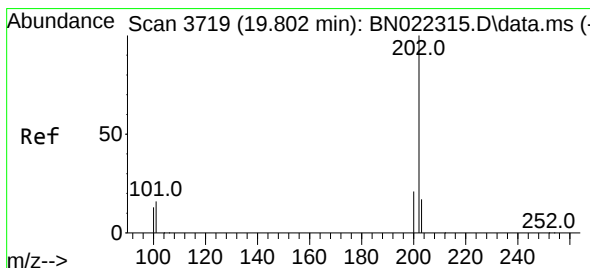
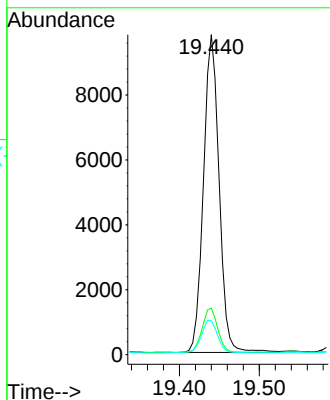
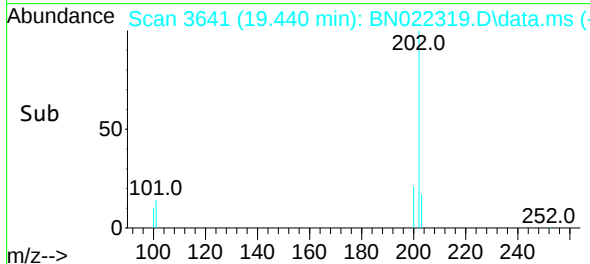
Instrument :
BNA_N
ClientSampleId :
C0BK4DL



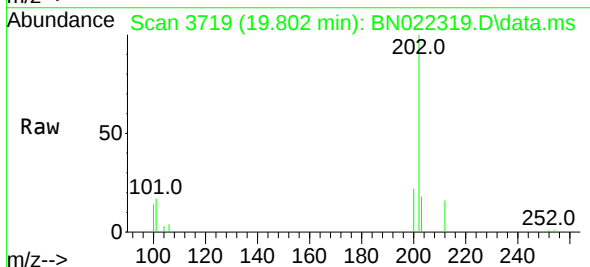
Tgt Ion:202 Resp: 13315
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 10.6 8.7 13.1

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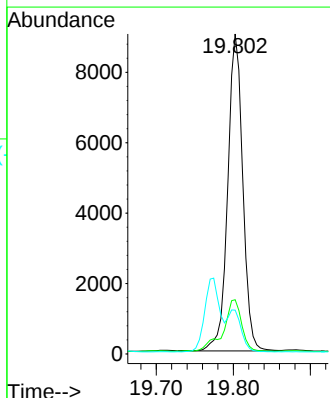
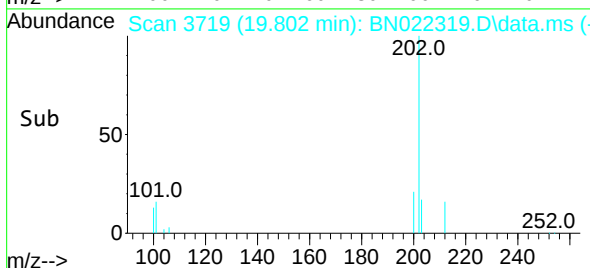
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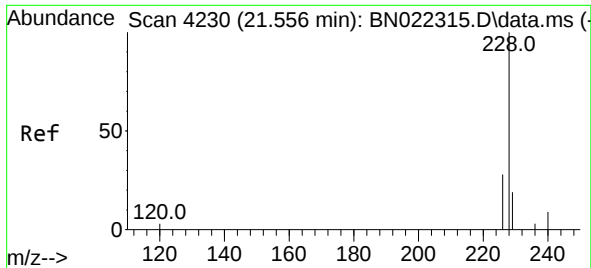


#20
Pyrene
Concen: 0.288 ng/u1
RT: 19.802 min Scan# 3719
Delta R.T. 0.000 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55



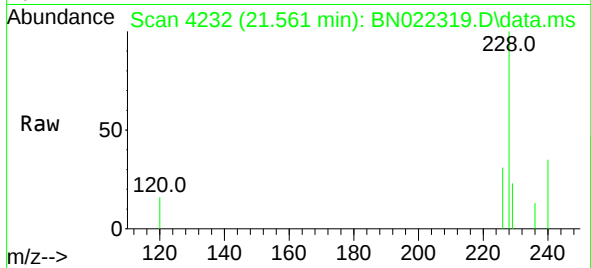
Tgt Ion:202 Resp: 12236
Ion Ratio Lower Upper
202 100
101 17.0 13.1 19.7
100 13.7 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.130 ng/u1
RT: 21.561 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55

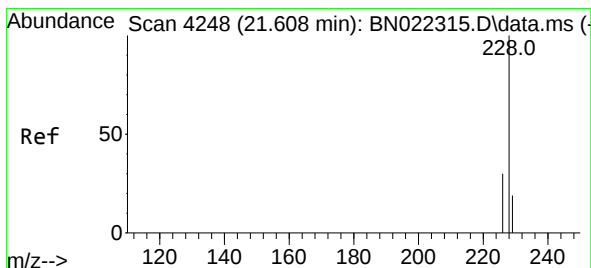
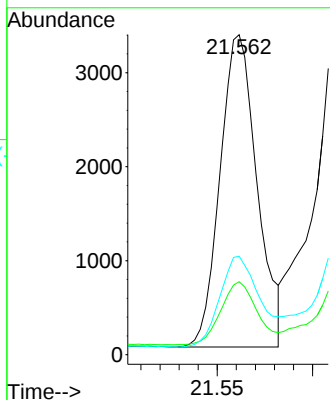
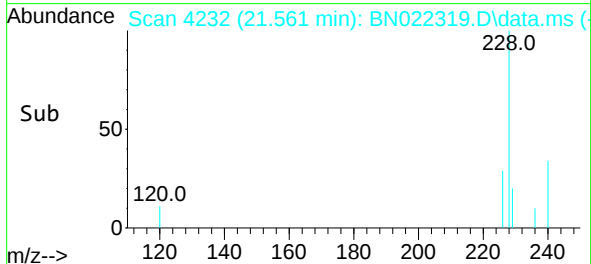
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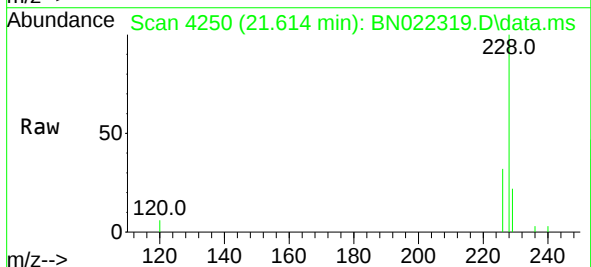
Tgt Ion:228 Resp: 4480
Ion Ratio Lower Upper
228 100
229 22.8 15.7 23.5
226 30.8 21.5 32.3

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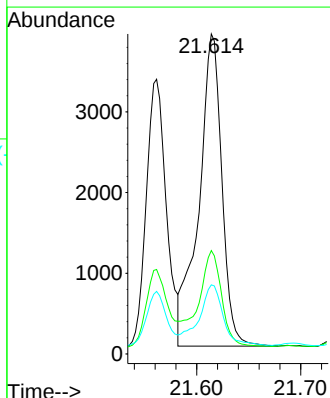
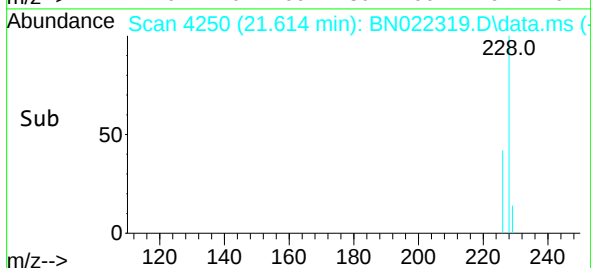
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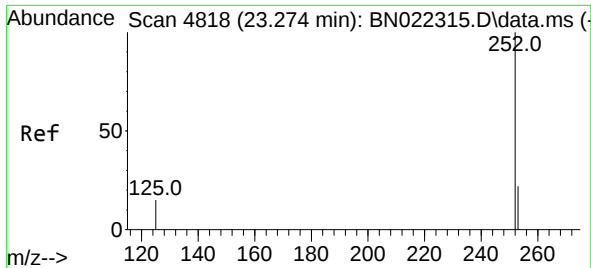


#22
Chrysene
Concen: 0.163 ng/u1
RT: 21.614 min Scan# 4250
Delta R.T. 0.003 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55



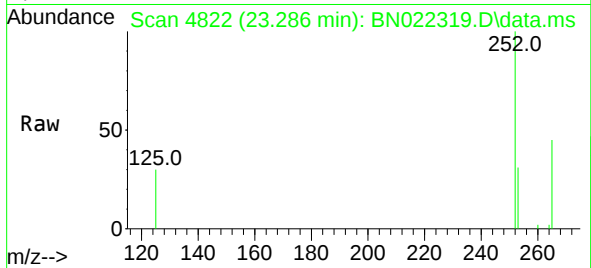
Tgt Ion:228 Resp: 5957
Ion Ratio Lower Upper
228 100
226 32.3 23.9 35.9
229 21.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.193 ng/ul m
RT: 23.286 min Scan# 4822
Delta R.T. 0.009 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55

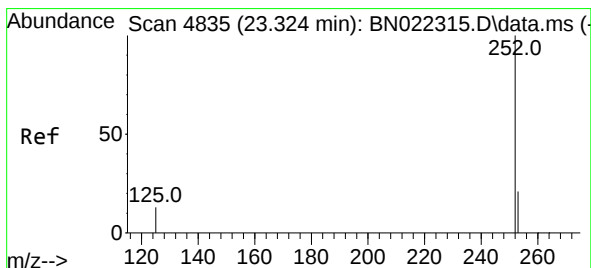
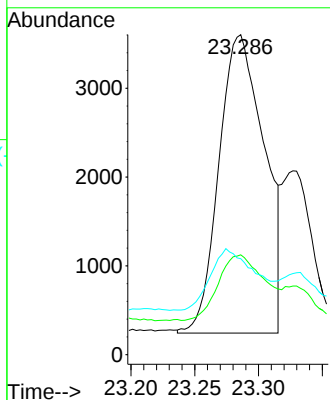
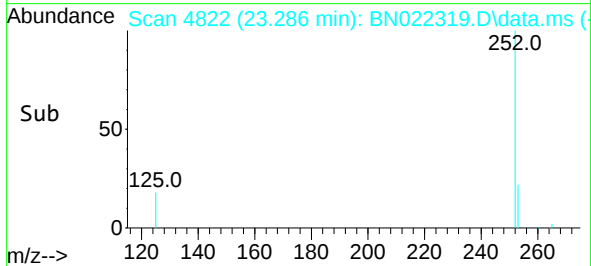
Instrument :
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C0BK4DL



Tgt Ion:252 Resp: 8309
Ion Ratio Lower Upper
252 100
253 31.2 0.0 49.0
125 30.0 0.0 35.2

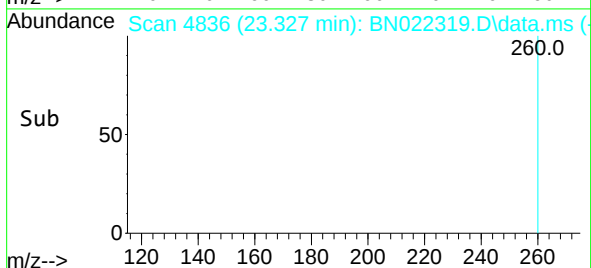
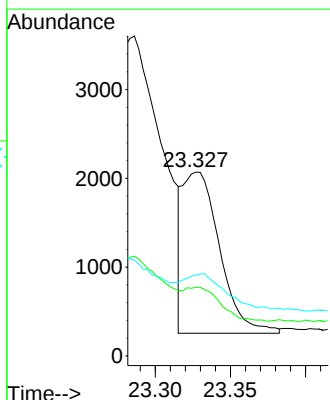
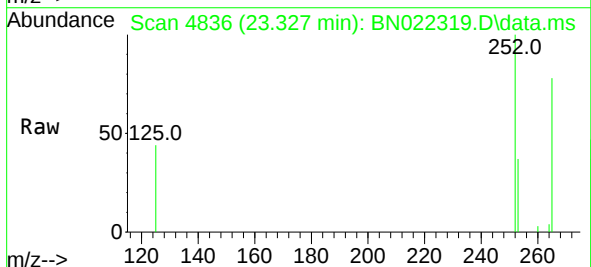
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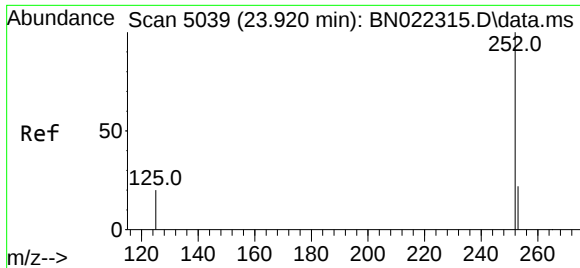
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.074 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. 0.000 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55

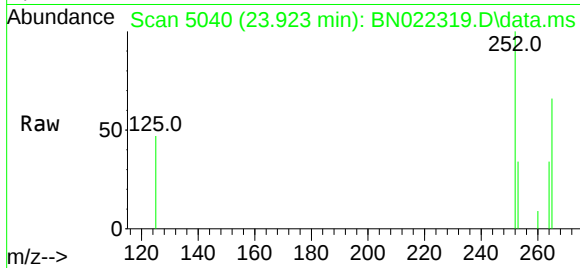
Tgt Ion:252 Resp: 3091
Ion Ratio Lower Upper
252 100
253 37.4 19.7 29.5#
125 44.2 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.148 ng/ul
RT: 23.923 min Scan# 5039
Delta R.T. 0.003 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55

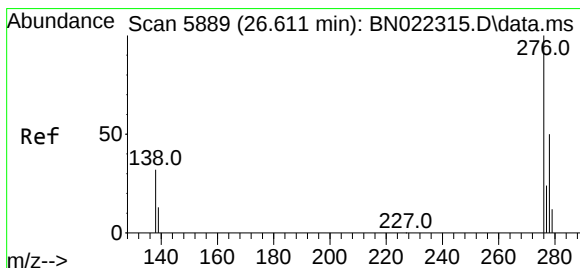
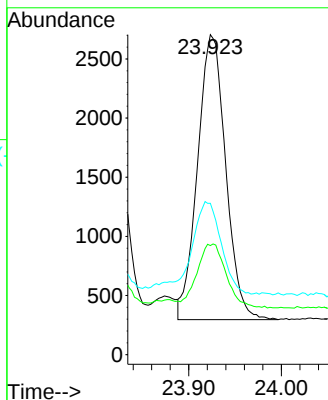
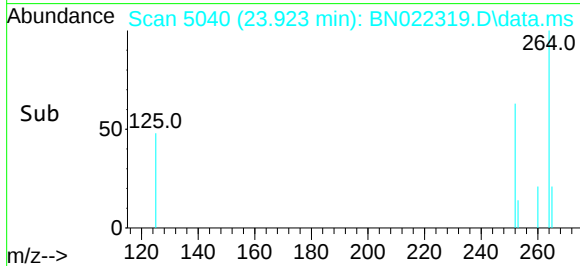
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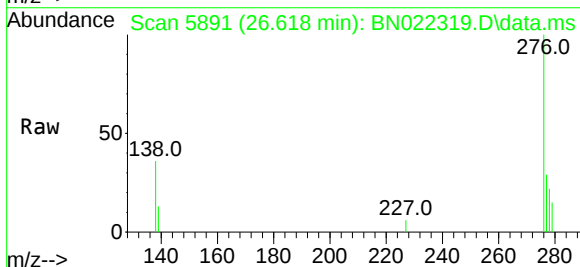
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Ion Ratio Lower Upper
252 100
253 34.1 21.0 31.6
125 47.3 17.9 26.9

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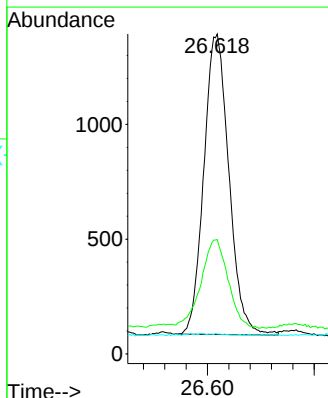
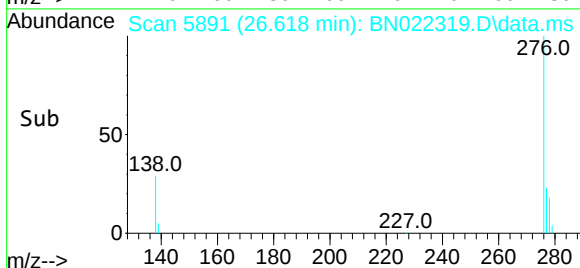
Reviewed By :Jagrut Upadhyay 10/27/2022
Supervised By :mohammad ahmed 10/27/2022

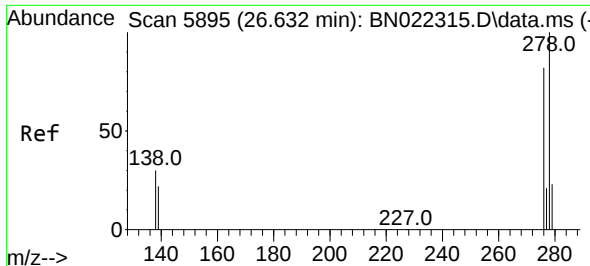


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. 0.003 min
Lab File: BN022319.D
Acq: 25 Oct 2022 10:55



Tgt Ion:276 Resp: 4268
Ion Ratio Lower Upper
276 100
138 32.1 27.7 41.5
227 0.1 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.029 ng/ul

RT: 26.635 min Scan# 5895

Delta R.T. -0.003 min

Lab File: BN022319.D

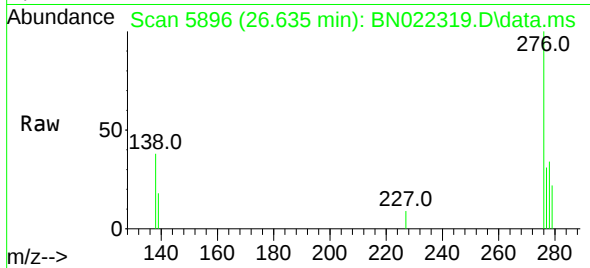
Acq: 25 Oct 2022 10:55

Instrument :

BNA_N

ClientSampleId :

C0BK4DL



Tgt Ion:278 Resp: 983

Ion Ratio Lower Upper

278 100

139 53.6 19.6 29.4

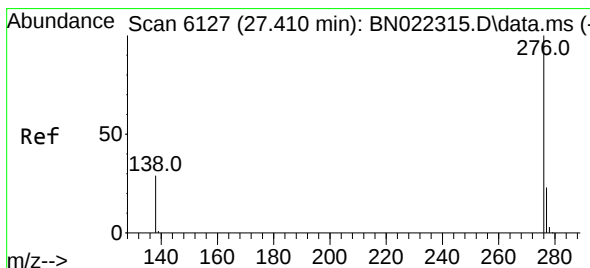
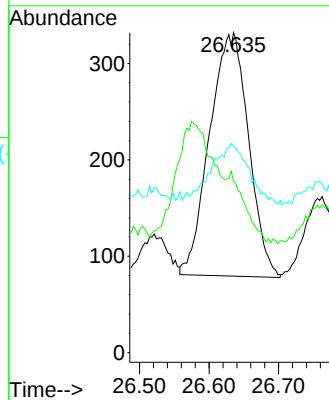
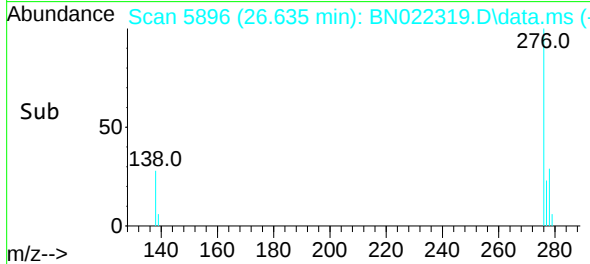
279 64.5 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022

Supervised By :mohammad ahmed 10/27/2022



#29

Benzo(g,h,i)perylene

Concen: 0.105 ng/ul

RT: 27.413 min Scan# 6128

Delta R.T. 0.003 min

Lab File: BN022319.D

Acq: 25 Oct 2022 10:55

Tgt Ion:276 Resp: 3656

Ion Ratio Lower Upper

276 100

138 38.6 25.2 37.8

277 29.6 19.9 29.9

