

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022274.D
 Acq On : 22 Oct 2022 04:00
 Operator : CG/JU
 Sample : N5064-04DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BJ4DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 04:46:30 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	5762	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	18524	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	9207	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	16944	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	12157	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	11100	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	6558	0.876	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1525	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	2475	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	12215	0.223	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	10955	0.318	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	9610	0.271	ng/ul	99
10) Acenaphthylene	14.341	152	1357	0.033	ng/ul#	66
15) Phenanthrene	17.417	178	13292	0.234	ng/ul	99
16) Anthracene	17.505	178	1196	0.025	ng/ul#	83
19) Fluoranthene	19.440	202	13435	0.241	ng/ul	100
20) Pyrene	19.802	202	12830m	0.229	ng/ul	
21) Benzo(a)anthracene	21.556	228	5432	0.119	ng/ul	93
22) Chrysene	21.608	228	6931	0.144	ng/ul	95
24) Benzo(b)fluoranthene	23.280	252	9124m	0.164	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	3079m	0.057	ng/ul	
26) Benzo(a)pyrene	23.918	252	5398	0.121	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.608	276	4190	0.076	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.628	278	1010	0.023	ng/ul#	27
29) Benzo(g,h,i)perylene	27.406	276	4740	0.105	ng/ul	91

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

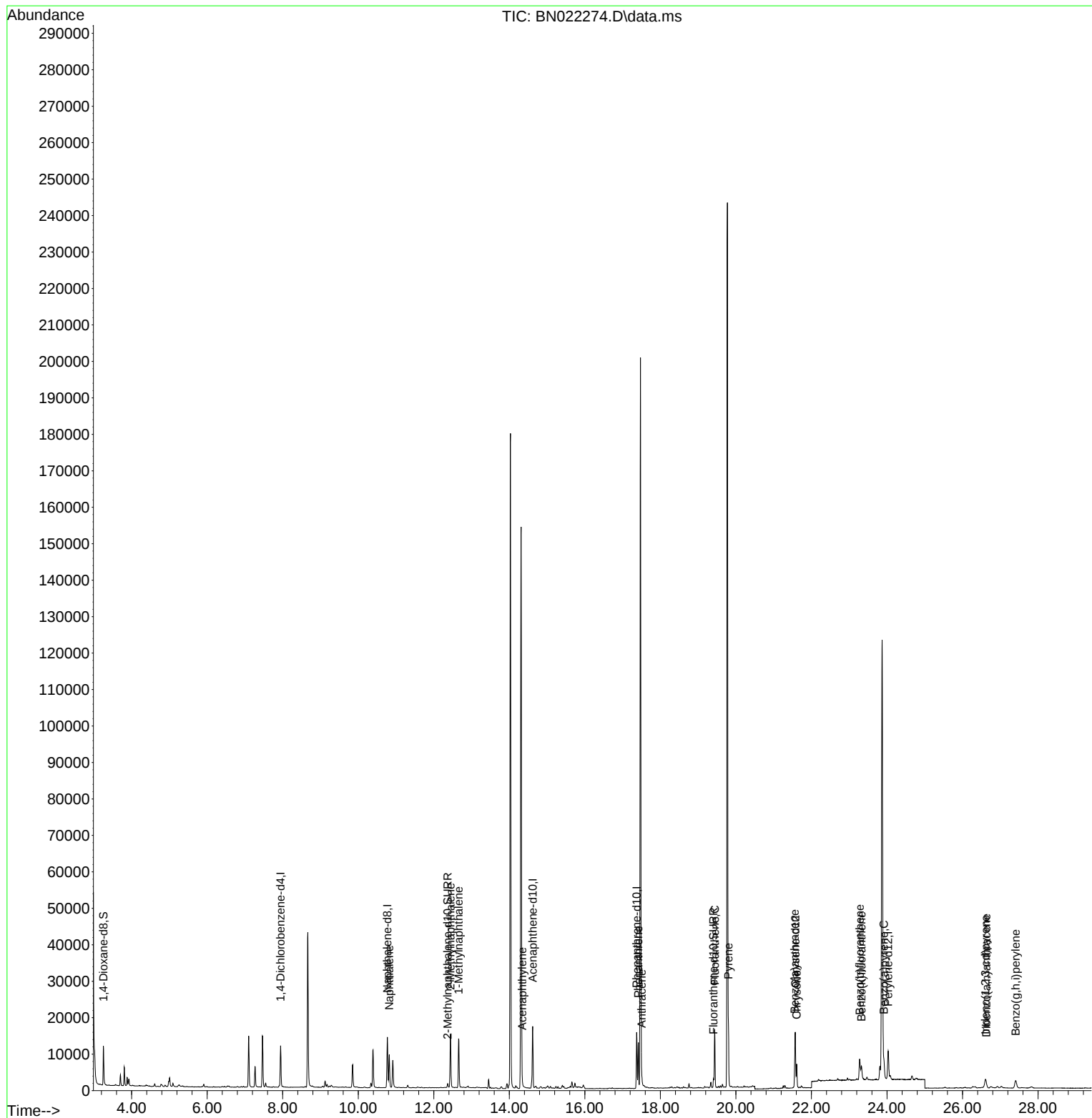
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022274.D
Acq On : 22 Oct 2022 04:00
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Sample : N5064-04DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

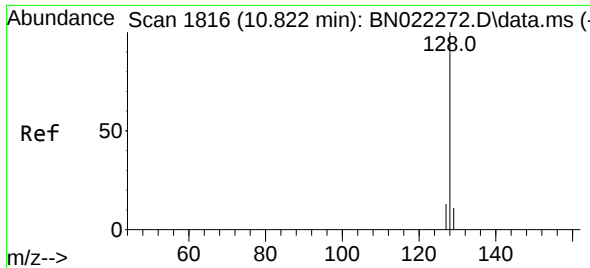
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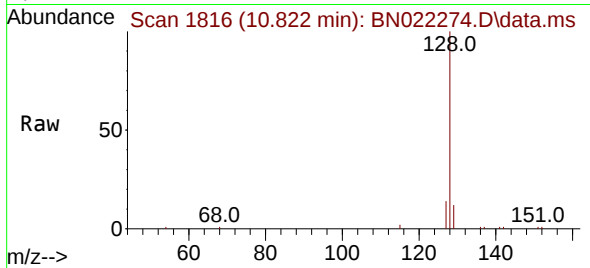
Quant Time: Oct 22 04:46:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.223 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00

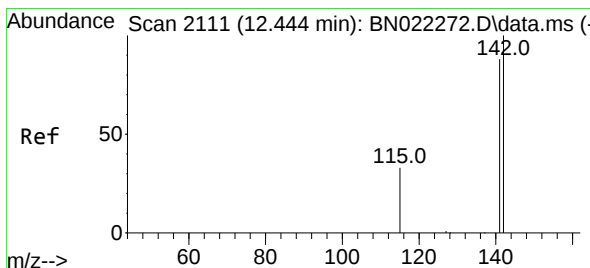
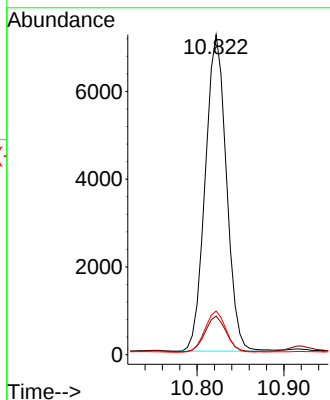
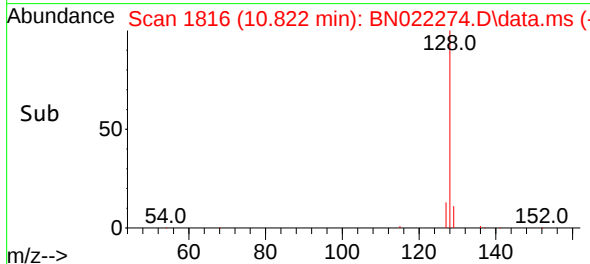
Instrument :
BNA_N
ClientSampleId :
C0BJ4DL



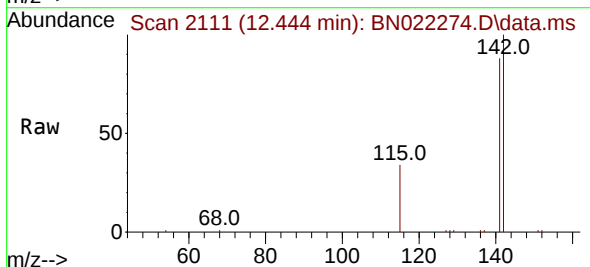
Tgt Ion:128 Resp: 12215
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 13.6 10.7 16.1

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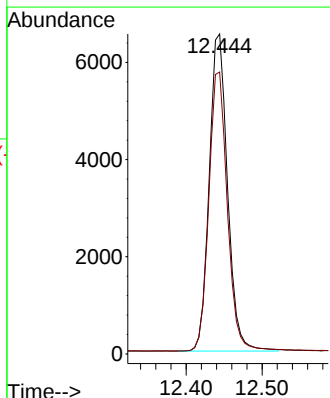
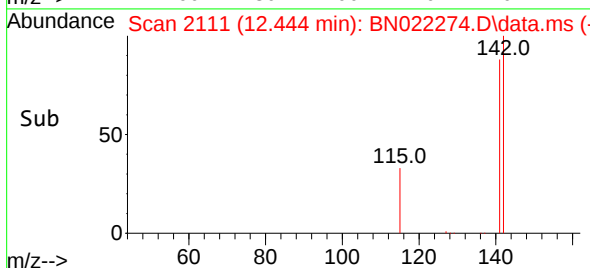
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

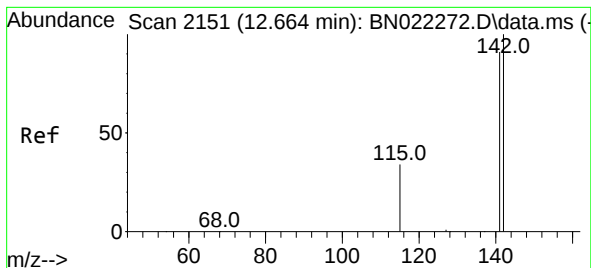


#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00



Tgt Ion:142 Resp: 10955
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.271 ng/ul

RT: 12.659 min Scan# 2150

Delta R.T. -0.006 min

Lab File: BN022274.D

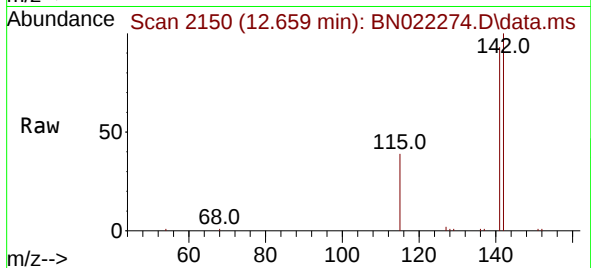
Acq: 22 Oct 2022 04:00

Instrument :

BNA_N

ClientSampleId :

C0BJ4DL



Tgt Ion:142 Resp: 9610

Ion Ratio Lower Upper

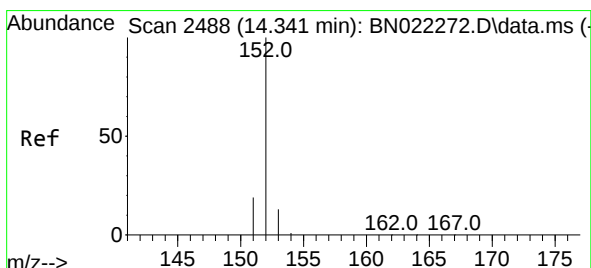
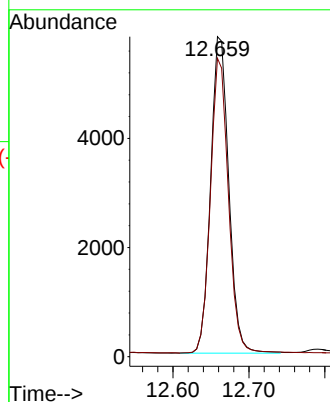
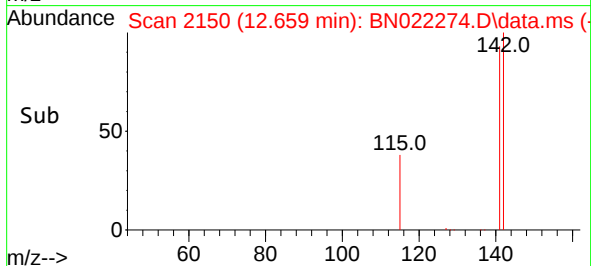
142 100

141 92.1 73.3 109.9

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#10

Acenaphthylene

Concen: 0.033 ng/ul

RT: 14.341 min Scan# 2488

Delta R.T. -0.000 min

Lab File: BN022274.D

Acq: 22 Oct 2022 04:00

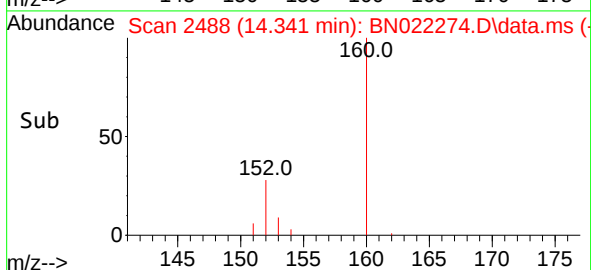
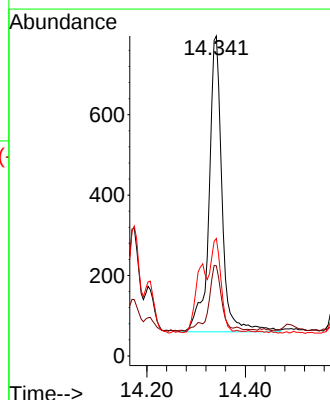
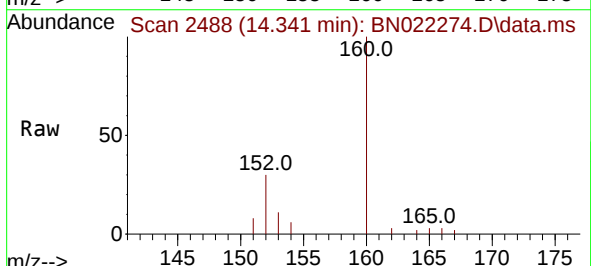
Tgt Ion:152 Resp: 1357

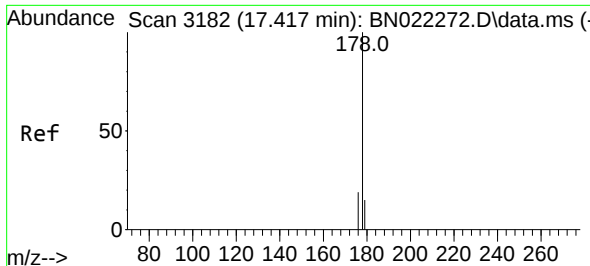
Ion Ratio Lower Upper

152 100

151 28.1 15.9 23.9#

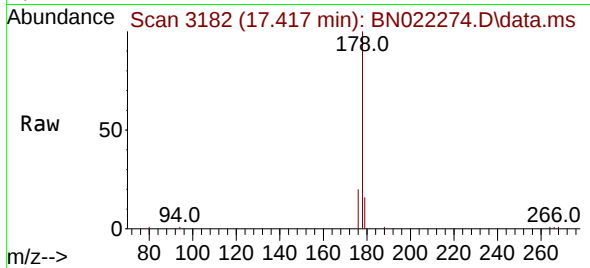
153 36.7 10.8 16.2#





#15
Phenanthrene
Concen: 0.234 ng/ul
RT: 17.417 min Scan# 3182
Delta R.T. -0.000 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00

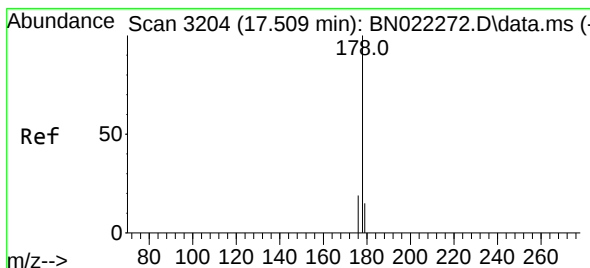
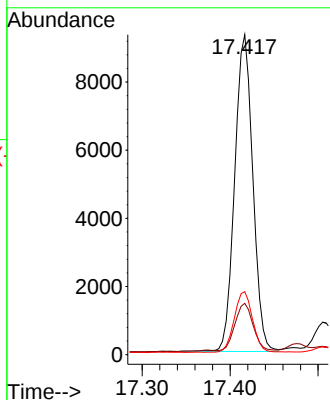
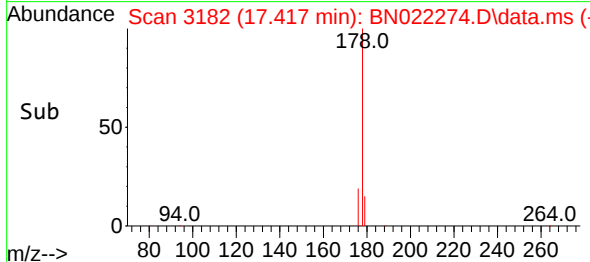
Instrument :
BNA_N
ClientSampleId :
C0BJ4DL



Tgt Ion:178 Resp: 13292
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.7 15.4 23.2

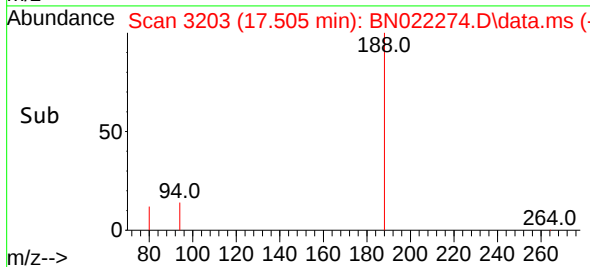
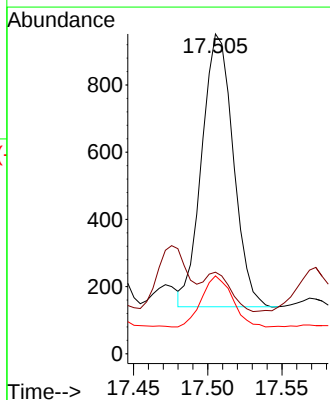
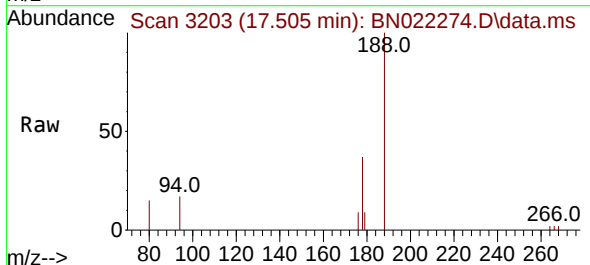
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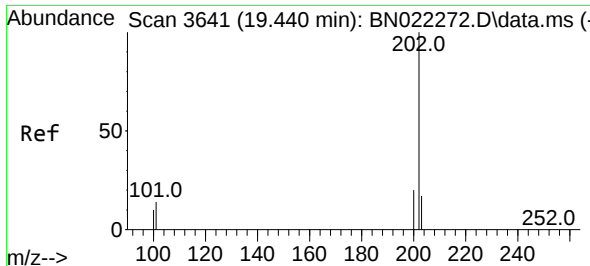
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#16
Anthracene
Concen: 0.025 ng/ul
RT: 17.505 min Scan# 3203
Delta R.T. -0.004 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00

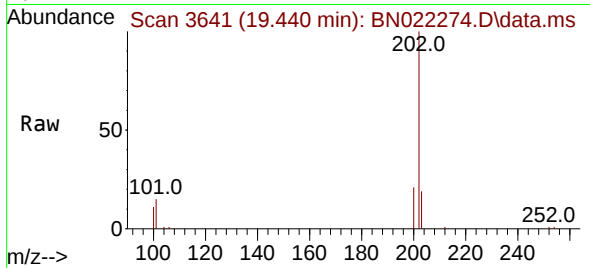
Tgt Ion:178 Resp: 1196
Ion Ratio Lower Upper
178 100
179 25.5 12.6 18.8#
176 24.4 15.0 22.6#





#19
Fluoranthene
Concen: 0.241 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.000 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00

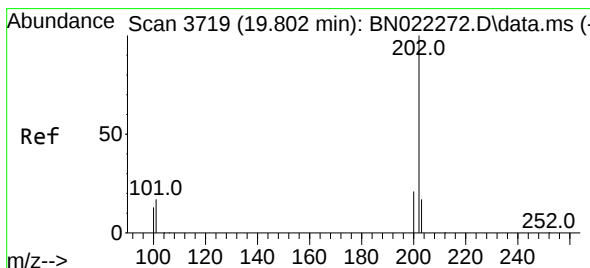
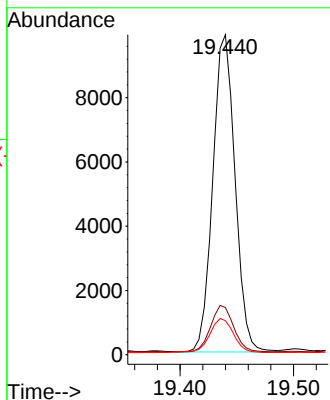
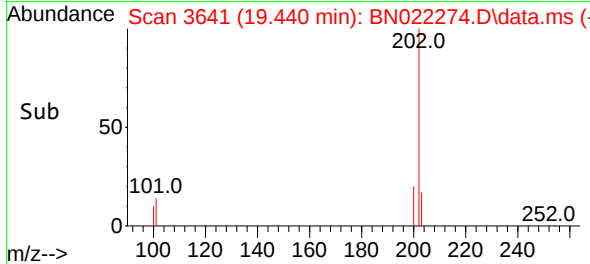
Instrument :
BNA_N
ClientSampleId :
C0BJ4DL



Tgt Ion:202 Resp: 13435
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 10.6 8.7 13.1

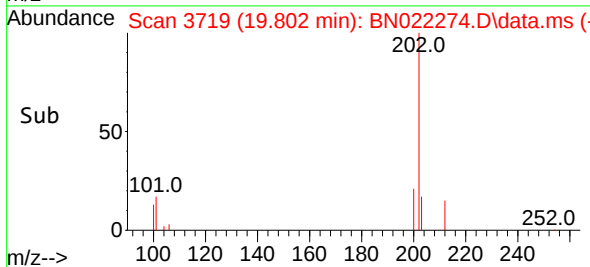
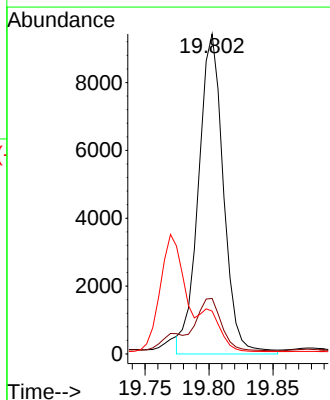
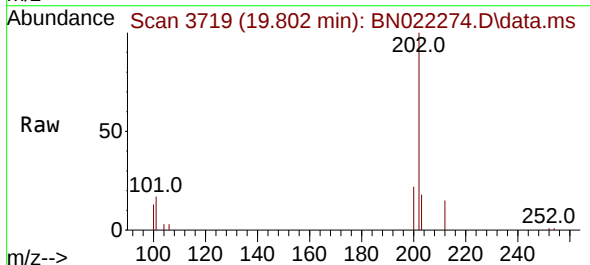
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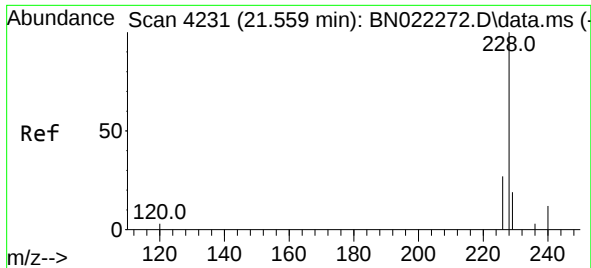
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 0.229 ng/ul m
RT: 19.802 min Scan# 3719
Delta R.T. -0.000 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00

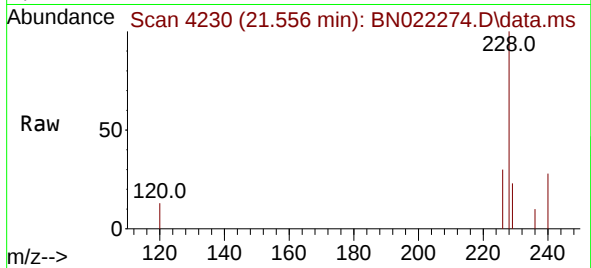
Tgt Ion:202 Resp: 12830
Ion Ratio Lower Upper
202 100
101 17.4 13.1 19.7
100 13.4 10.6 16.0





#21
Benzo(a)anthracene
Concen: 0.119 ng/ul
RT: 21.556 min Scan# 4231
Delta R.T. -0.003 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00

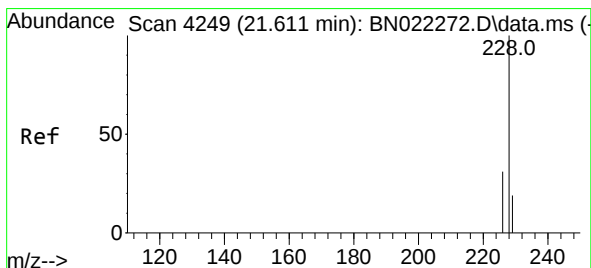
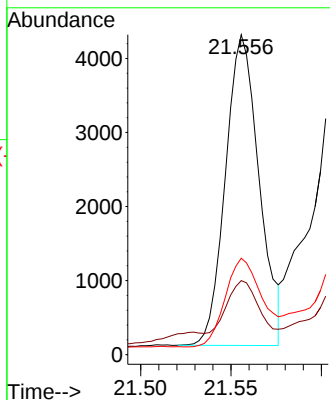
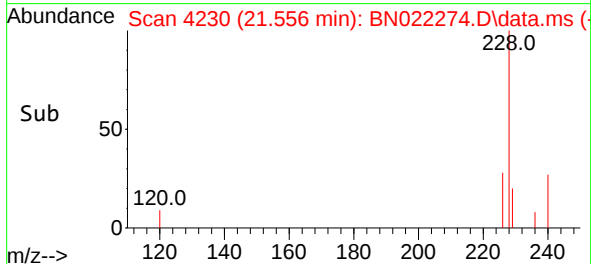
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ClientSampleId :
C0BJ4DL



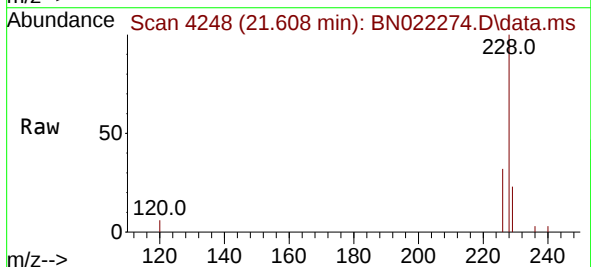
Tgt Ion:228 Resp: 5432
Ion Ratio Lower Upper
228 100
229 23.2 15.7 23.5
226 30.1 21.5 32.3

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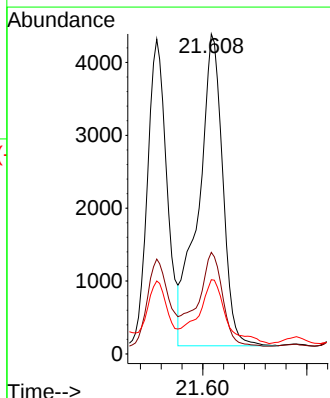
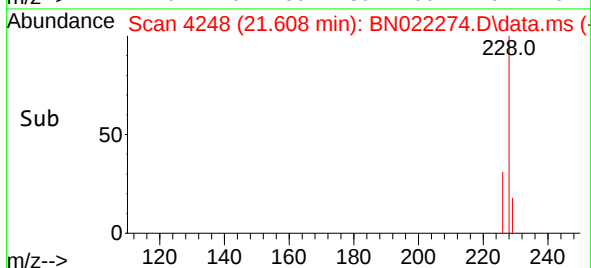
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

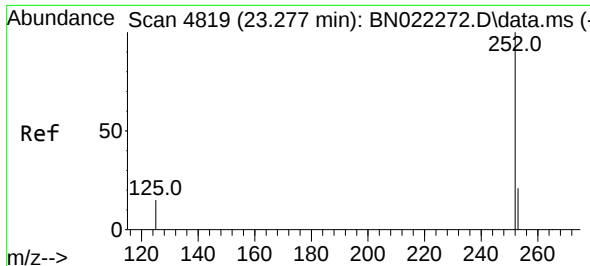


#22
Chrysene
Concen: 0.144 ng/ul
RT: 21.608 min Scan# 4248
Delta R.T. -0.003 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00



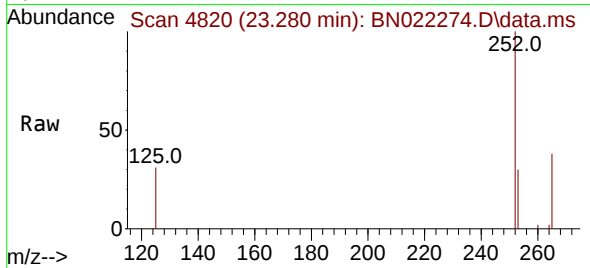
Tgt Ion:228 Resp: 6931
Ion Ratio Lower Upper
228 100
226 31.7 23.9 35.9
229 23.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.164 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00

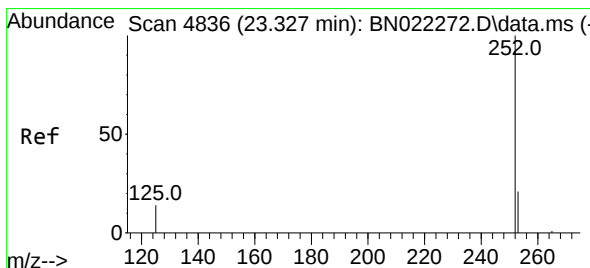
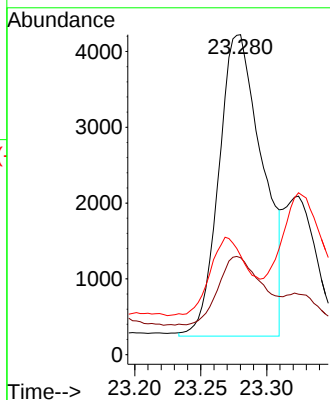
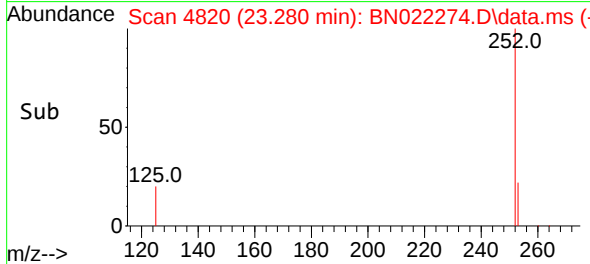
Instrument :
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Tgt Ion:252 Resp: 9124
Ion Ratio Lower Upper
252 100
253 30.3 0.0 49.0
125 31.0 0.0 35.2

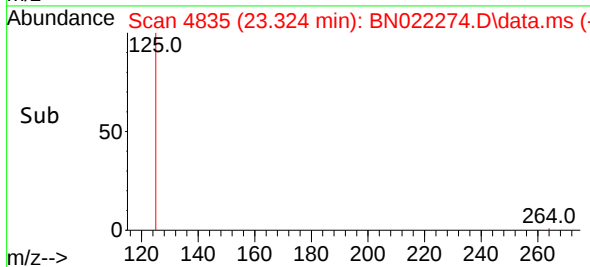
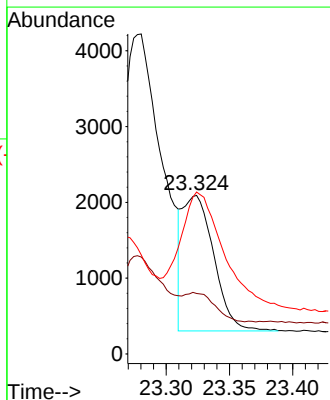
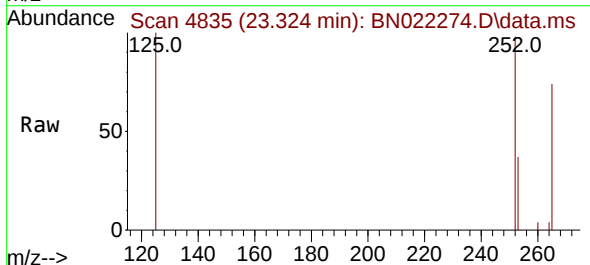
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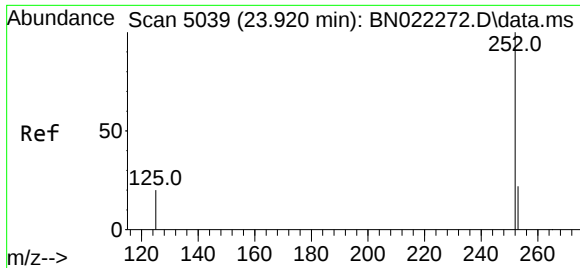
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.057 ng/ul m
RT: 23.324 min Scan# 4835
Delta R.T. -0.003 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00

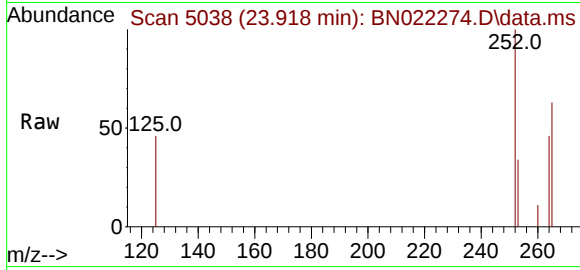
Tgt Ion:252 Resp: 3079
Ion Ratio Lower Upper
252 100
253 38.1 19.7 29.5#
125 102.2 14.0 21.0#





#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.918 min Scan# 5038
Delta R.T. -0.003 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00

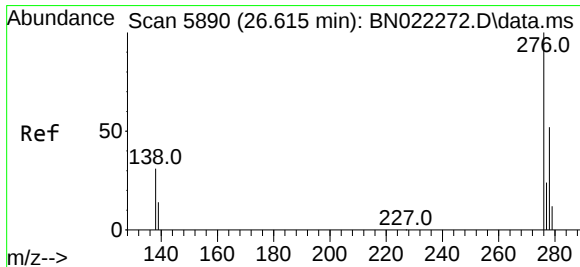
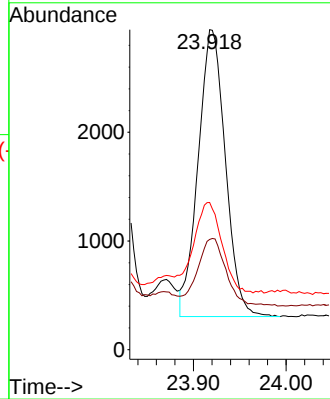
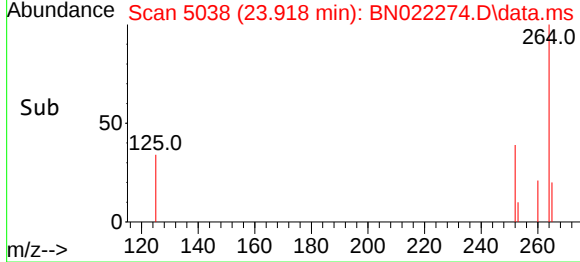
Instrument :
BNA_N
ClientSampleId :
C0BJ4DL



Tgt Ion:252 Resp: 5398
Ion Ratio Lower Upper
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253 34.4 21.0 31.6
125 46.0 17.9 26.9

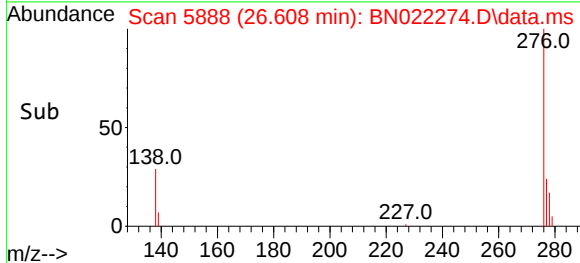
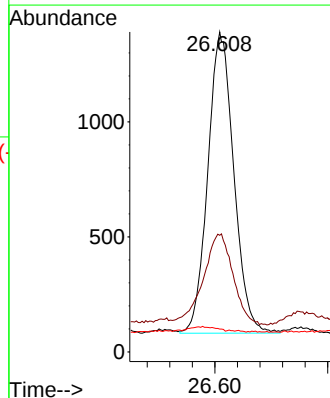
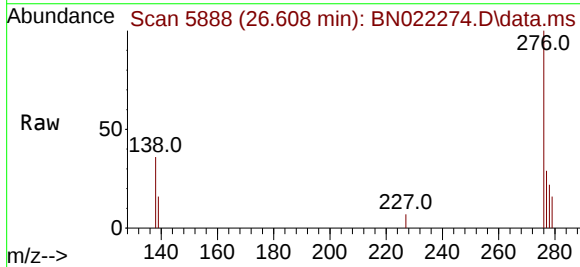
Manual Integrations
APPROVED

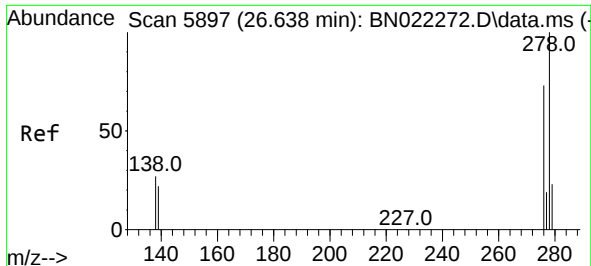
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul
RT: 26.608 min Scan# 5888
Delta R.T. -0.007 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00

Tgt Ion:276 Resp: 4190
Ion Ratio Lower Upper
276 100
138 35.0 27.7 41.5
227 0.0 0.2 0.2





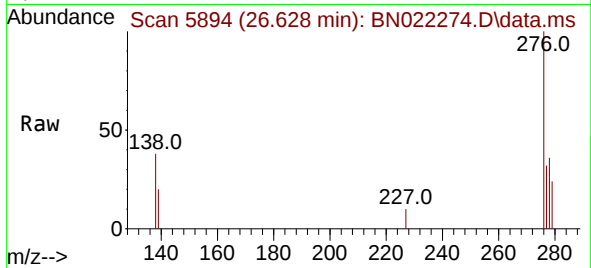
#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.628 min Scan# 5897
Delta R.T. -0.010 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00

Instrument :

BNA_N

ClientSampleId :

C0BJ4DL

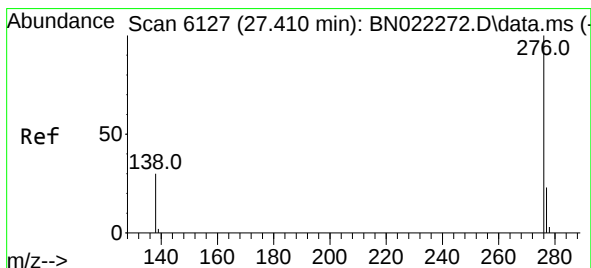
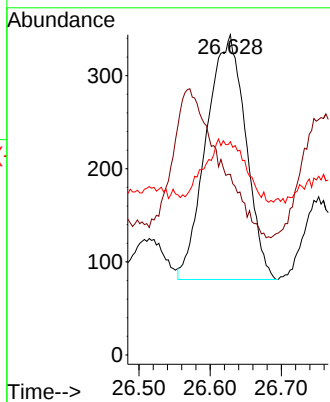
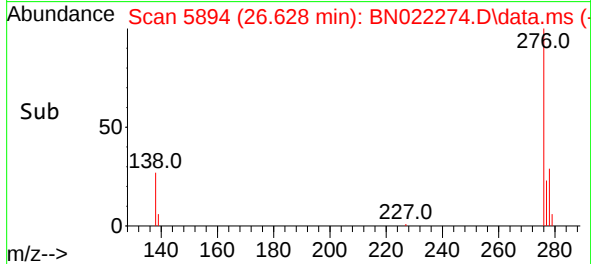


Tgt Ion:278 Resp: 1010
Ion Ratio Lower Upper
278 100
139 56.4 19.6 29.4
279 66.6 20.6 30.8

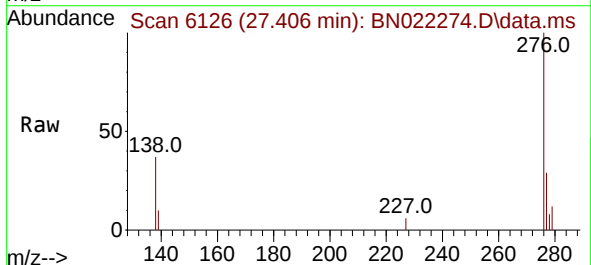
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 27.406 min Scan# 6126
Delta R.T. -0.003 min
Lab File: BN022274.D
Acq: 22 Oct 2022 04:00



Tgt Ion:276 Resp: 4740
Ion Ratio Lower Upper
276 100
138 36.7 25.2 37.8
277 29.2 19.9 29.9

