

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025814.D
 Acq On : 13 Jun 2023 20:23
 Operator : MA/JU
 Sample : 02950-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW981

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 13 23:49:32 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	7696	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	23446	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	13567	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	26221	0.400	ng/ul	0.00
17) Chrysene-d12	21.558	240	13667	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	14453	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	30257	3.999	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	8178	0.275	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	16329	0.379	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.869	128	1699	0.028	ng/ul#	85
10) Acenaphthylene	14.362	152	1711	0.032	ng/ul#	80
11) Acenaphthene	14.700	153	2279	0.051	ng/ul	98
12) Fluorene	15.685	166	1816	0.036	ng/ul#	92
15) Phenanthrene	17.423	178	3443	0.045	ng/ul#	90
16) Anthracene	17.516	178	1948	0.030	ng/ul#	84
19) Fluoranthene	19.438	202	11567	0.185	ng/ul	98
20) Pyrene	19.796	202	17035m	0.263	ng/ul	
21) Benzo(a)anthracene	21.543	228	6483	0.149	ng/ul#	87
22) Chrysene	21.596	228	8550	0.172	ng/ul#	93
24) Benzo(b)fluoranthene	23.277	252	6164m	0.104	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	2703m	0.046	ng/ul	
26) Benzo(a)pyrene	23.926	252	6090	0.122	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.635	276	3907	0.068	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.648	278	1590	0.037	ng/ul#	28
29) Benzo(g,h,i)perylene	27.436	276	3924	0.077	ng/ul#	88

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

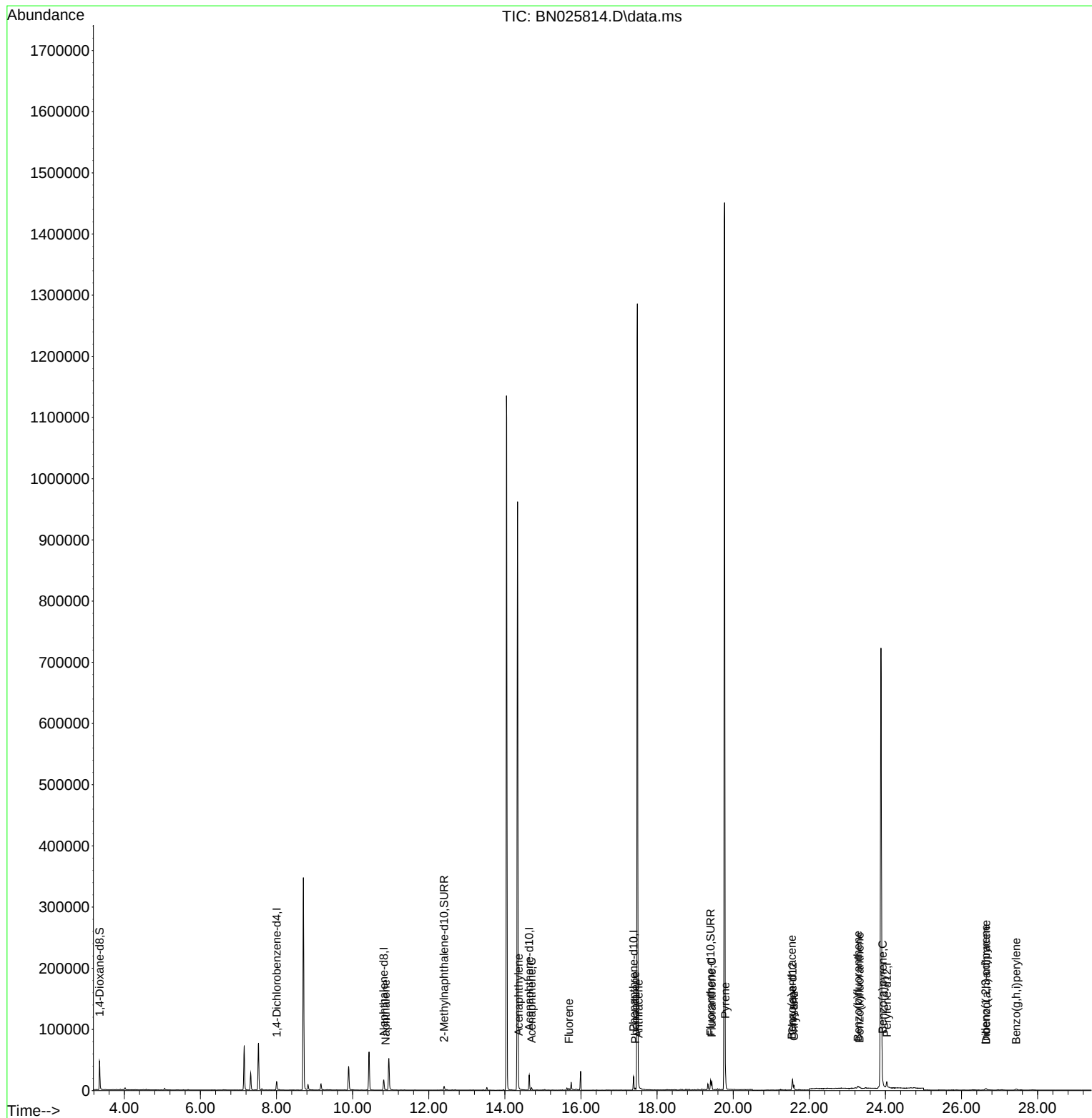
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025814.D
Acq On : 13 Jun 2023 20:23
Operator : MA/JU
Sample : 02950-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

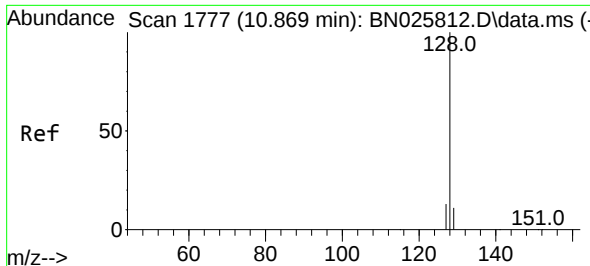
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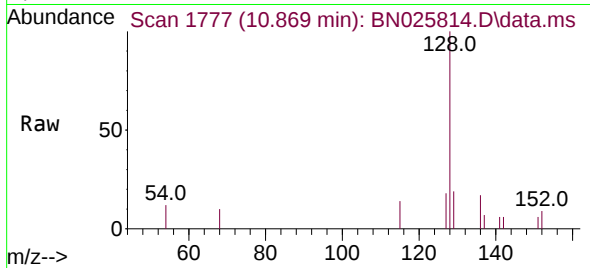
Quant Time: Jun 13 23:49:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23

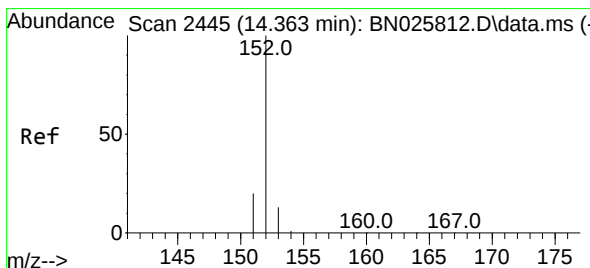
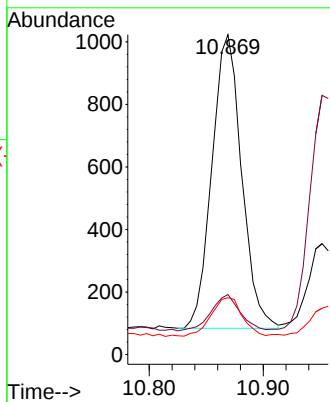
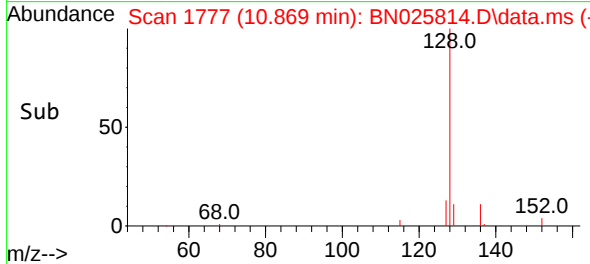
Instrument :
BNA_N
ClientSampleId :
EW981



Tgt Ion:128 Resp: 1699
Ion Ratio Lower Upper
128 100
129 18.8 9.1 13.7
127 17.8 10.5 15.7

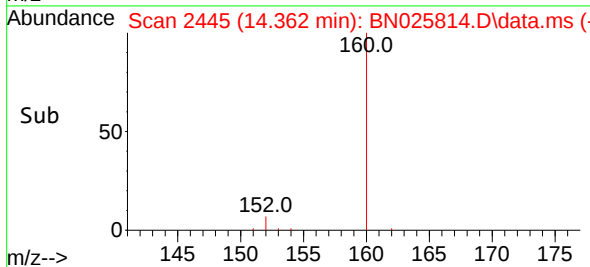
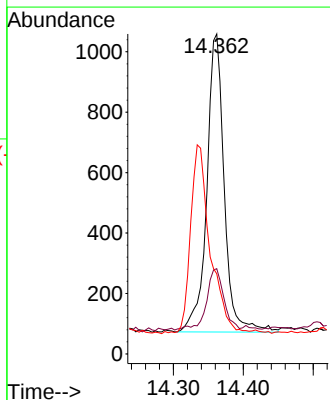
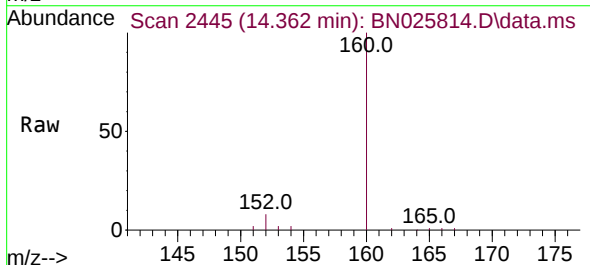
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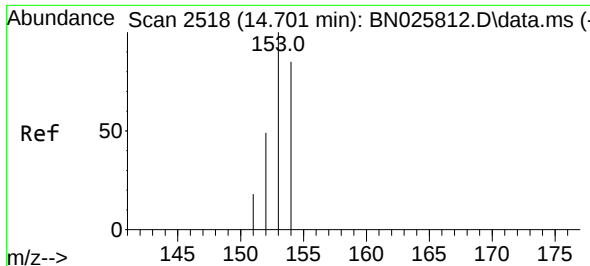
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.362 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23

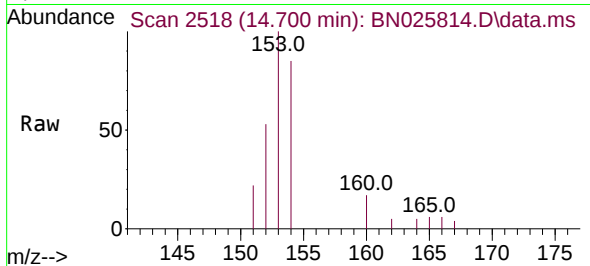
Tgt Ion:152 Resp: 1711
Ion Ratio Lower Upper
152 100
151 26.6 16.0 24.0#
153 25.0 10.7 16.1#





#11
Acenaphthene
Concen: 0.051 ng/u1
RT: 14.700 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23

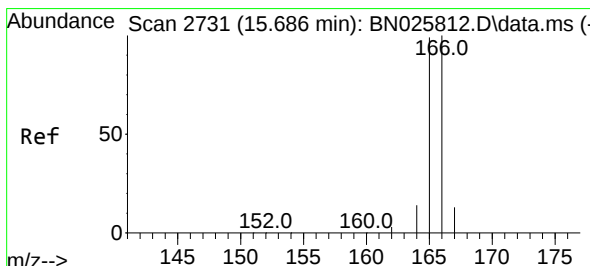
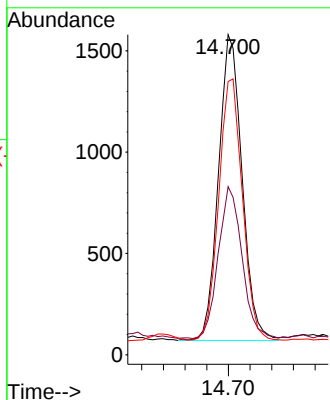
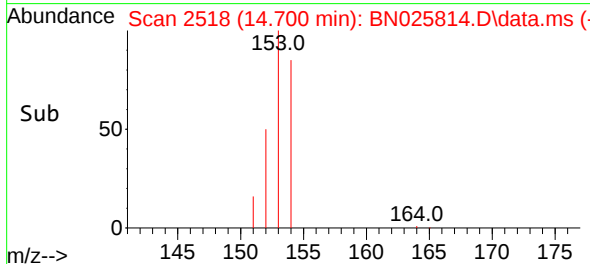
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Tgt Ion:153 Resp: 2279
Ion Ratio Lower Upper
153 100
152 52.5 39.5 59.3
154 85.4 68.8 103.2

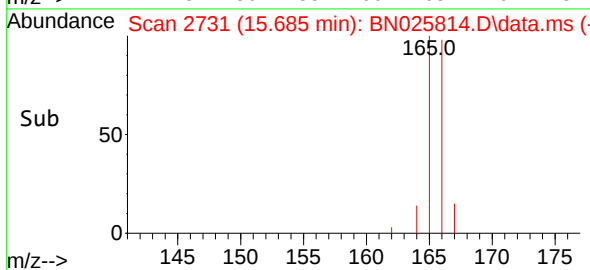
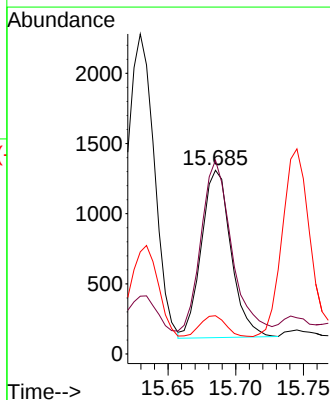
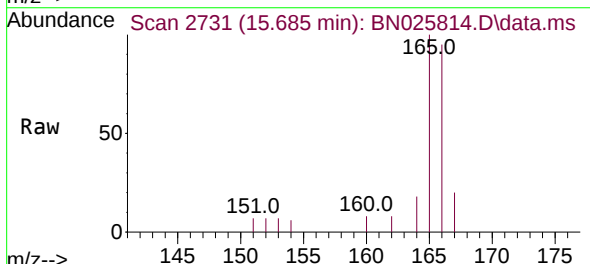
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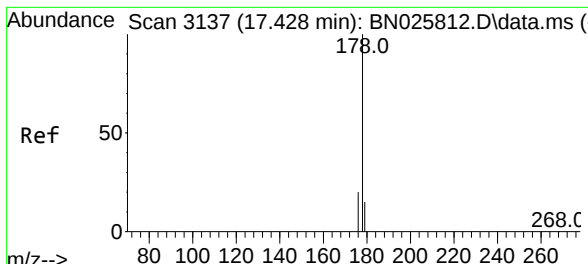
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 0.036 ng/u1
RT: 15.685 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23

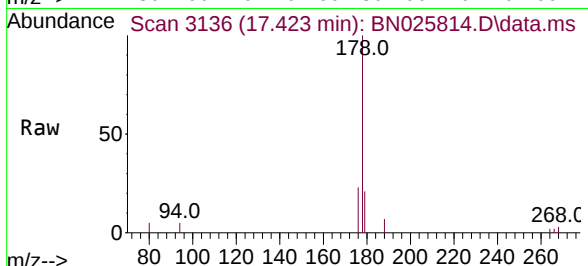
Tgt Ion:166 Resp: 1816
Ion Ratio Lower Upper
166 100
165 105.5 79.2 118.8
167 20.9 11.0 16.6#





#15
 Phenanthrene
 Concen: 0.045 ng/ul
 RT: 17.423 min Scan# 3136
 Delta R.T. -0.008 min
 Lab File: BN025814.D
 Acq: 13 Jun 2023 20:23

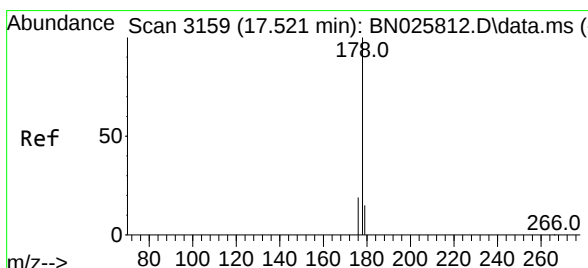
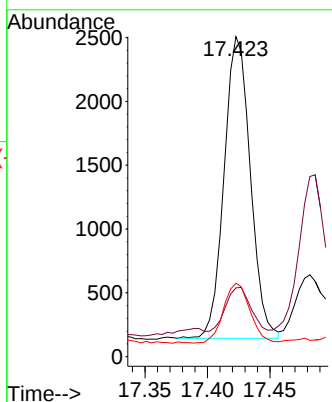
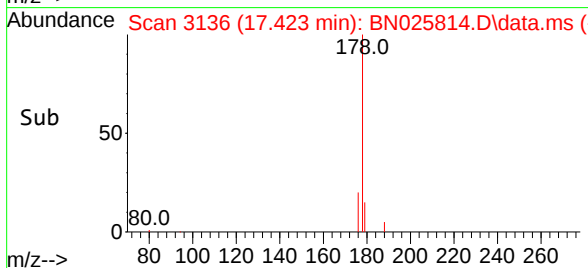
Instrument :
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 ClientSampleId :
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Tgt Ion:	178	Resp:	344
Ion	Ratio	Lower	Upper
178	100		
179	21.5	12.6	18.8
176	23.0	15.8	23.8

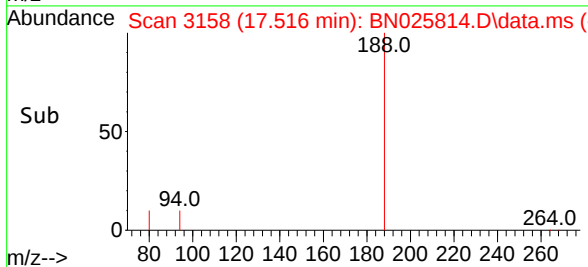
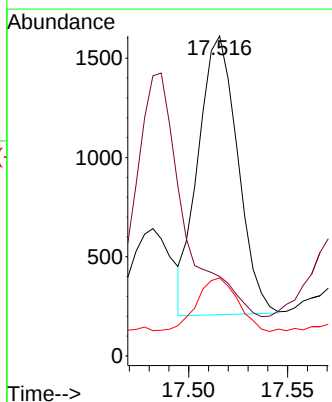
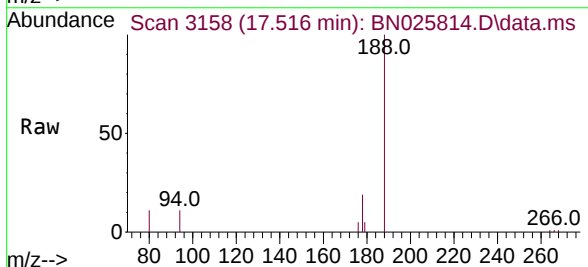
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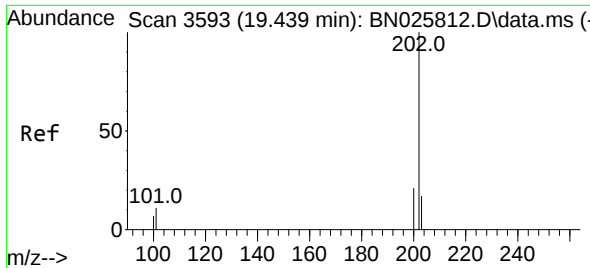
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023



#16
 Anthracene
 Concen: 0.030 ng/ul
 RT: 17.516 min Scan# 3158
 Delta R.T. -0.008 min
 Lab File: BN025814.D
 Acq: 13 Jun 2023 20:23

Tgt Ion:	178	Resp:	1948
Ion	Ratio	Lower	Upper
178	100		
179	24.9	12.6	19.0
176	24.4	15.4	23.2





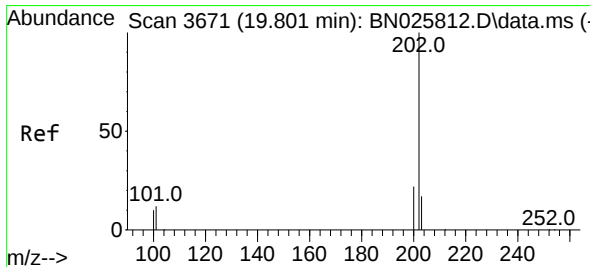
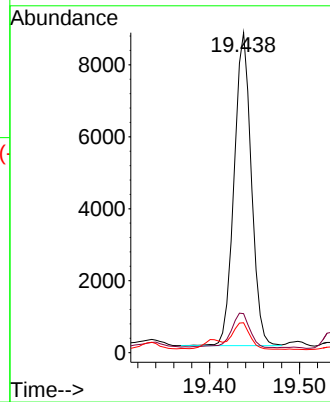
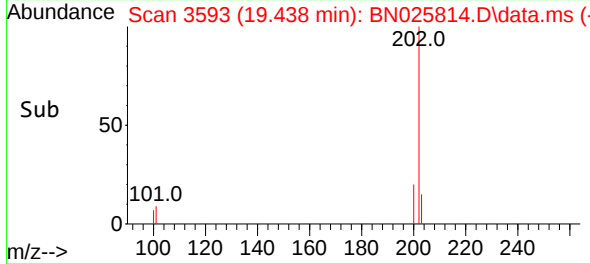
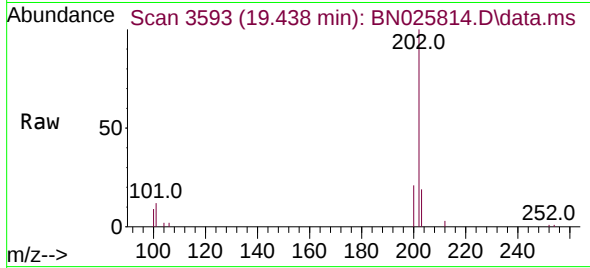
#19
Fluoranthene
Concen: 0.185 ng/ul
RT: 19.438 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
EW981

Tgt Ion:202 Resp: 1156
Ion Ratio Lower Upper
202 100
101 12.2 9.1 13.7
100 9.4 7.0 10.6

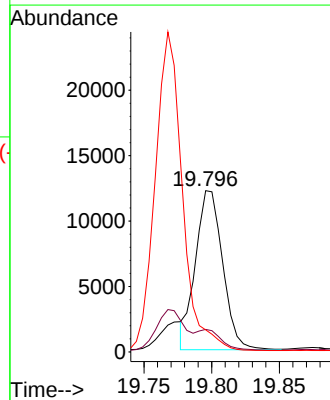
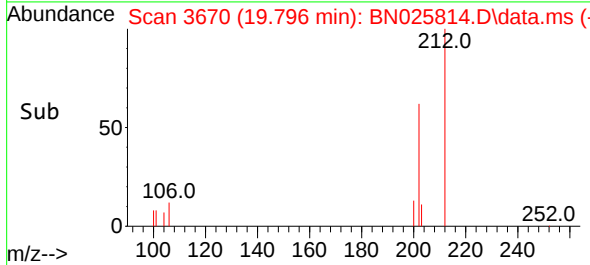
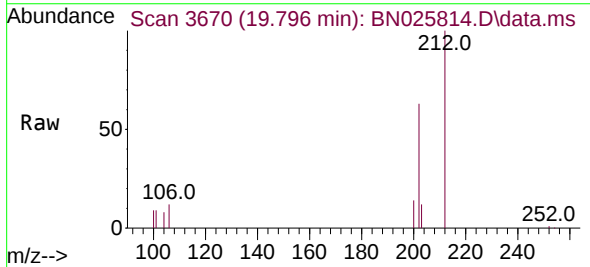
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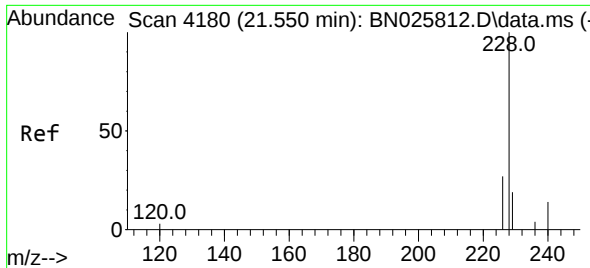
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#20
Pyrene
Concen: 0.263 ng/ul m
RT: 19.796 min Scan# 3670
Delta R.T. -0.009 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23

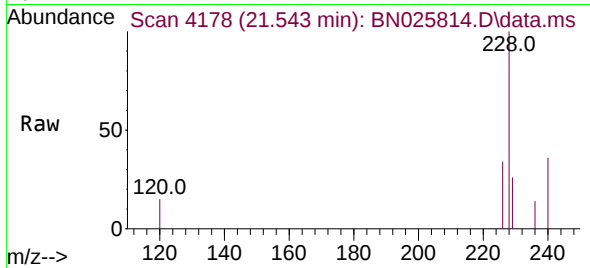
Tgt Ion:202 Resp: 17035
Ion Ratio Lower Upper
202 100
101 13.9 10.4 15.6
100 13.7 8.8 13.2#





#21
Benzo(a)anthracene
Concen: 0.149 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. -0.009 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23

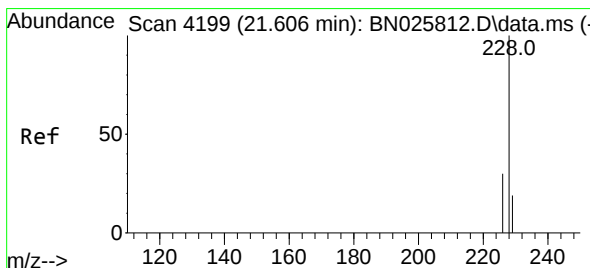
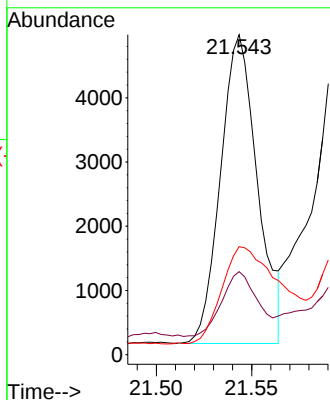
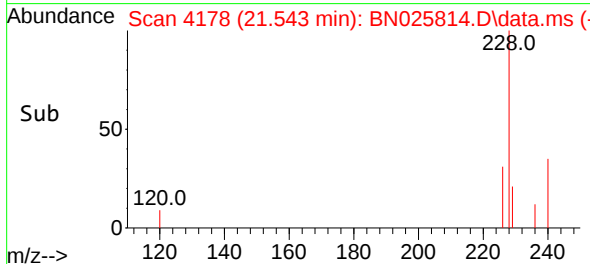
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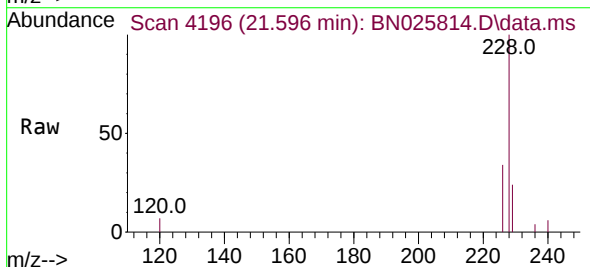
Tgt Ion:228 Resp: 6483
Ion Ratio Lower Upper
228 100
229 26.0 15.5 23.3
226 33.7 22.0 33.0

Manual Integrations
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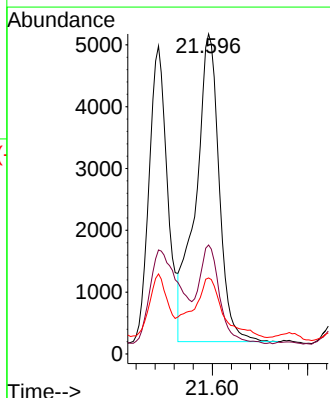
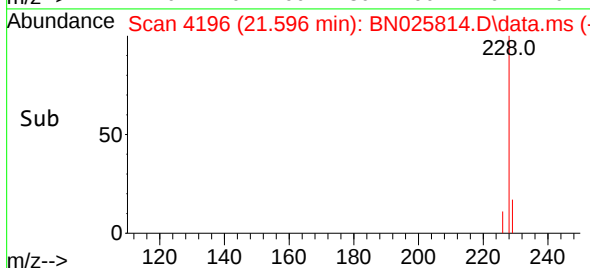
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Supervised By :mohammad ahmed 06/14/2023

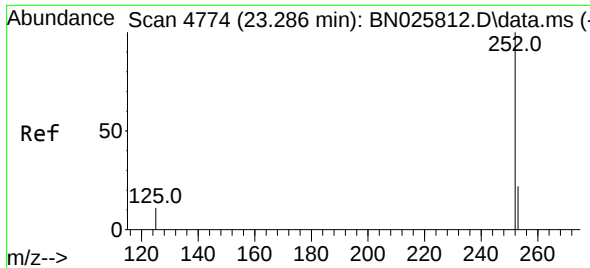


#22
Chrysene
Concen: 0.172 ng/ul
RT: 21.596 min Scan# 4196
Delta R.T. -0.012 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23



Tgt Ion:228 Resp: 8550
Ion Ratio Lower Upper
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226 34.1 24.7 37.1
229 23.8 15.7 23.5





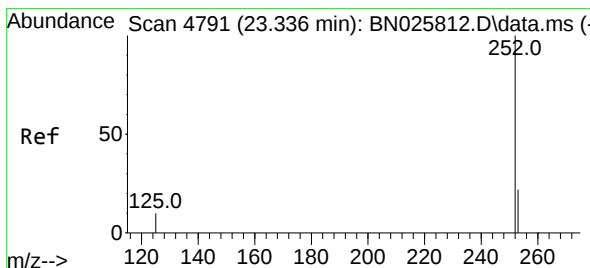
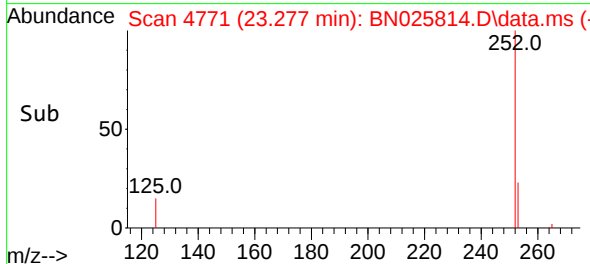
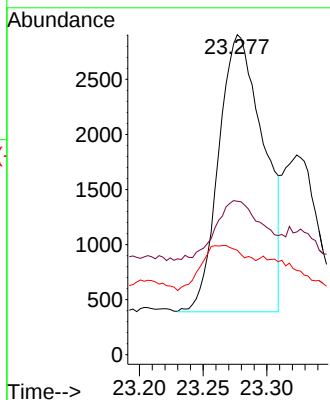
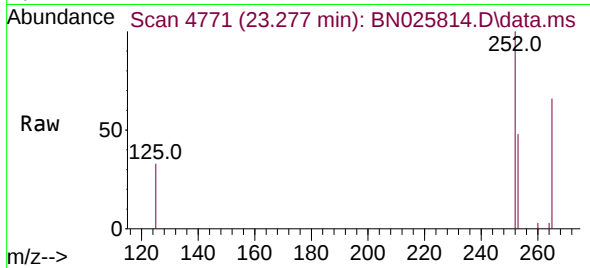
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Benzo(b)fluoranthene
Concen: 0.104 ng/ul m
RT: 23.277 min Scan# 4771
Delta R.T. -0.014 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
EW981

Tgt Ion:252 Resp: 6164
Ion Ratio Lower Upper
252 100
253 48.0 0.0 56.0
125 32.7 0.0 28.0

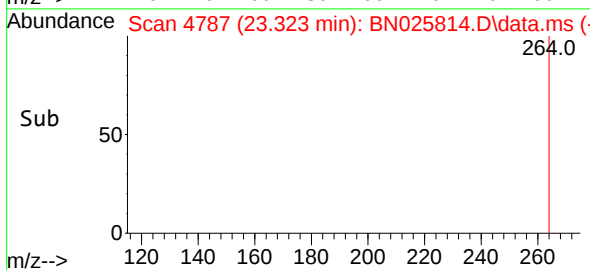
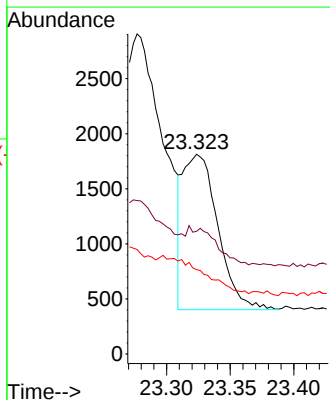
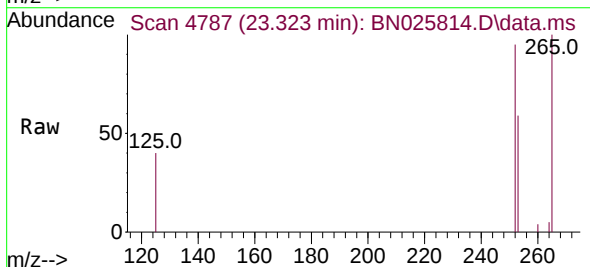
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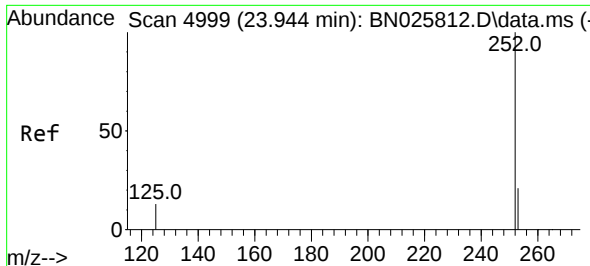
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#25
Benzo(k)fluoranthene
Concen: 0.046 ng/ul m
RT: 23.323 min Scan# 4787
Delta R.T. -0.018 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23

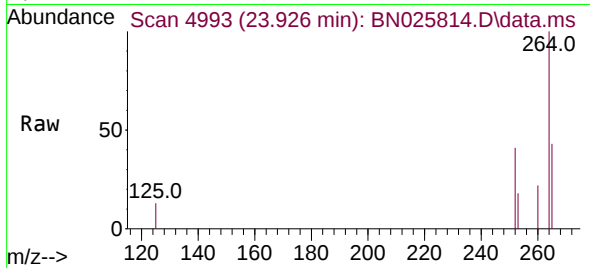
Tgt Ion:252 Resp: 2703
Ion Ratio Lower Upper
252 100
253 61.5 23.3 34.9#
125 42.3 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 0.122 ng/ul
RT: 23.926 min Scan# 4993
Delta R.T. -0.017 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23

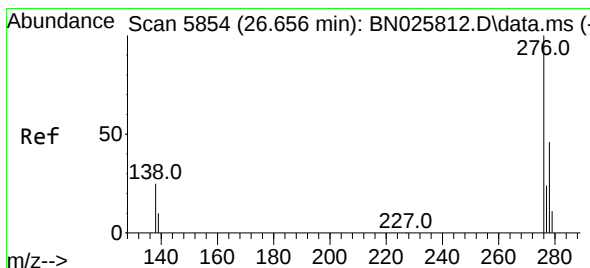
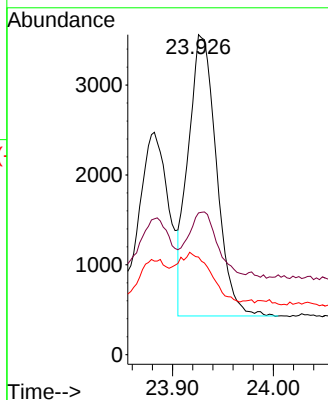
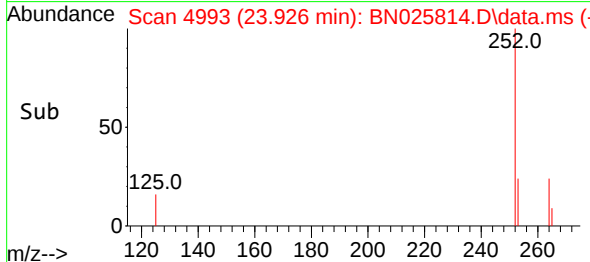
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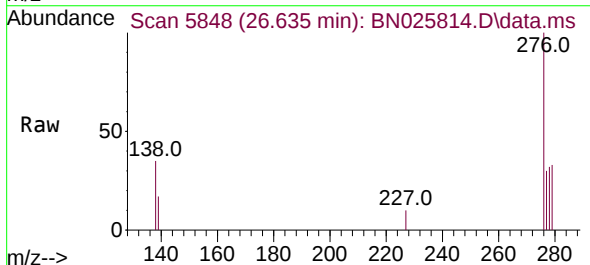
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Ion Ratio Lower Upper
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125 30.5 13.5 20.3

Manual Integrations
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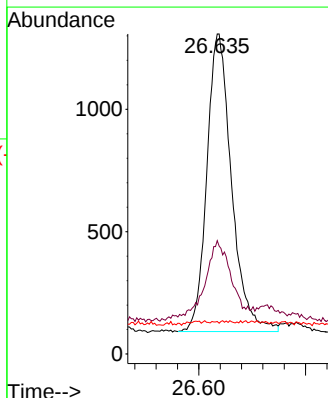
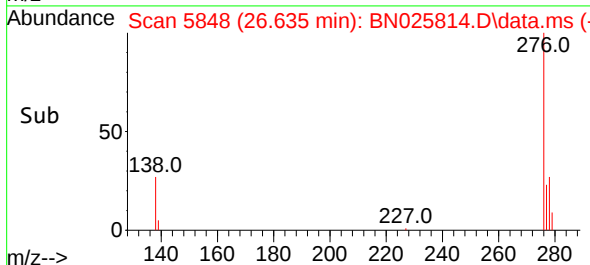
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

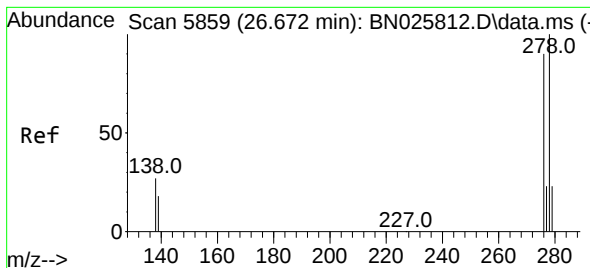


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.068 ng/ul
RT: 26.635 min Scan# 5848
Delta R.T. -0.023 min
Lab File: BN025814.D
Acq: 13 Jun 2023 20:23



Tgt Ion:276 Resp: 3907
Ion Ratio Lower Upper
276 100
138 31.6 24.6 36.8
227 0.2 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.037 ng/ul

RT: 26.648 min Scan# 5852

Delta R.T. -0.037 min

Lab File: BN025814.D

Acq: 13 Jun 2023 20:23

Instrument :

BNA_N

ClientSampleId :

EW981

Tgt Ion:278 Resp: 1590

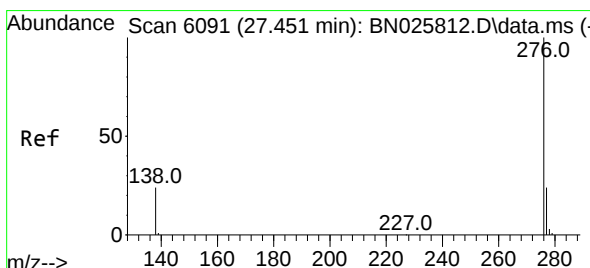
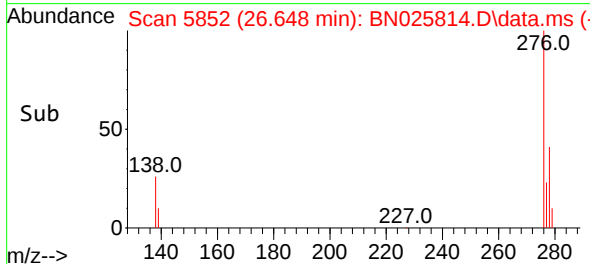
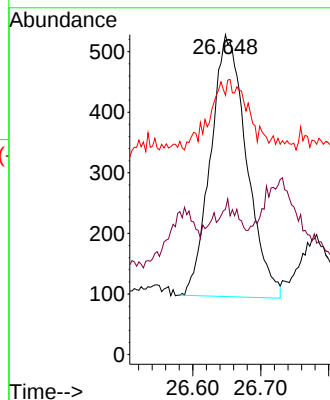
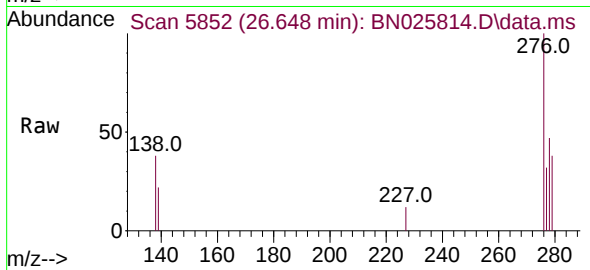
Ion	Ratio	Lower	Upper
278	100		
139	45.5	17.9	26.9
279	81.1	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/14/2023



#29

Benzo(g,h,i)perylene

Concen: 0.077 ng/ul

RT: 27.436 min Scan# 6087

Delta R.T. -0.013 min

Lab File: BN025814.D

Acq: 13 Jun 2023 20:23

Tgt Ion:276 Resp: 3924

Ion	Ratio	Lower	Upper
276	100		
138	34.4	21.8	32.8
277	29.7	19.4	29.2

