

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025836.D
 Acq On : 14 Jun 2023 11:10
 Operator : MA/JU
 Sample : 02950-08DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW985DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 18:49:55 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 : Wed Jun 14 18:25:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	8246	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	24710	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	13914	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	26405	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	14731	0.400	ng/ul	0.00
23) Perylene-d12	24.044	264	13767	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	6391	0.788	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	1557	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	2796	0.060	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.864	128	1714	0.027	ng/ul#	82
7) 2-Methylnaphthalene	12.480	142	1101	0.029	ng/ul	94
8) 1-Methylnaphthalene	12.695	142	837	0.020	ng/ul	98
10) Acenaphthylene	14.358	152	8072	0.147	ng/ul#	95
11) Acenaphthene	14.701	153	3809	0.083	ng/ul	99
12) Fluorene	15.681	166	1930	0.038	ng/ul#	88
15) Phenanthrene	17.424	178	6939	0.090	ng/ul#	93
16) Anthracene	17.512	178	6458	0.099	ng/ul#	93
19) Fluoranthene	19.434	202	28991	0.430	ng/ul	97
20) Pyrene	19.796	202	51726	0.742	ng/ul	98
21) Benzo(a)anthracene	21.550	228	24637m	0.524	ng/ul	
22) Chrysene	21.603	228	32833	0.611	ng/ul	96
24) Benzo(b)fluoranthene	23.286	252	24995m	0.444	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	7141m	0.126	ng/ul	
26) Benzo(a)pyrene	23.938	252	25598	0.536	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.646	276	12727	0.234	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.659	278	3790	0.092	ng/ul#	67
29) Benzo(g,h,i)perylene	27.447	276	14768	0.303	ng/ul	97

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

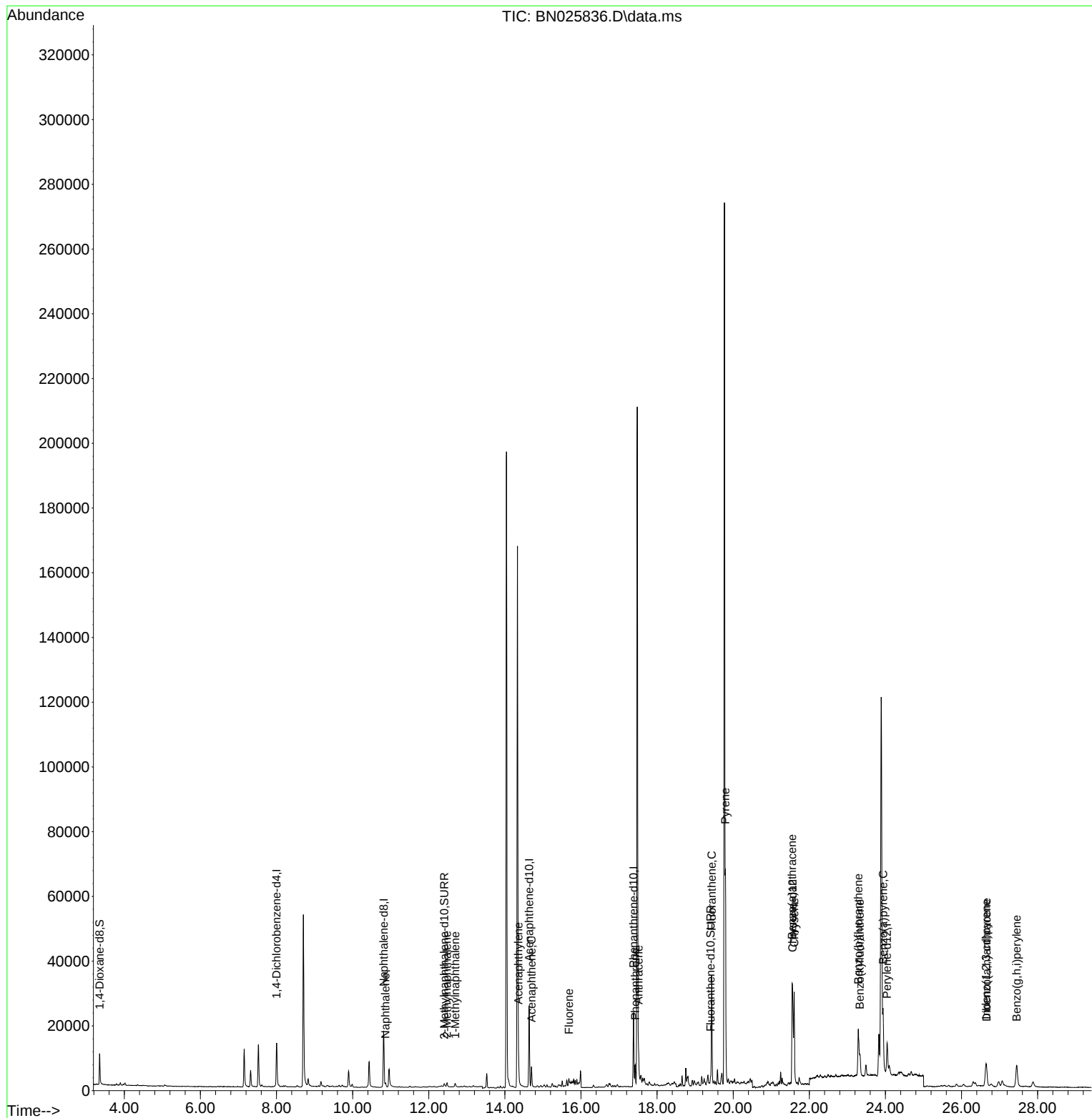
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025836.D
Acq On : 14 Jun 2023 11:10
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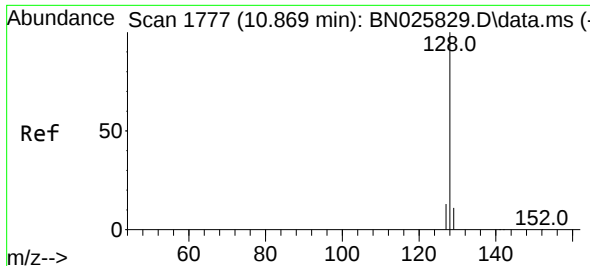
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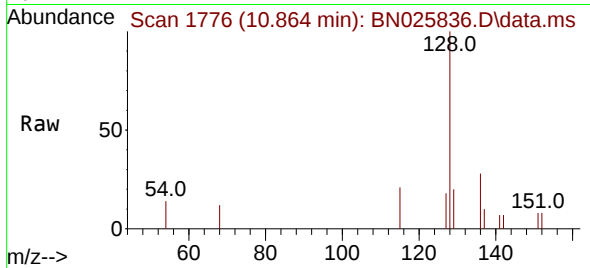
Quant Time: Jun 14 18:49:55 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 18:25:53 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.027 ng/ul
RT: 10.864 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

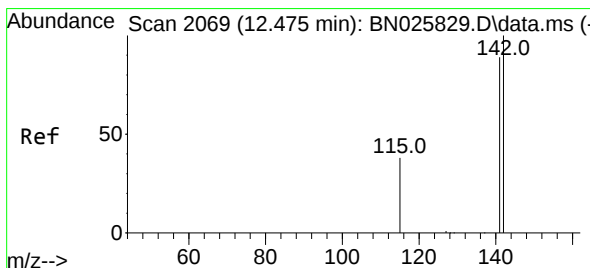
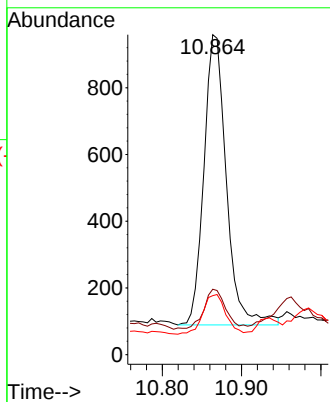
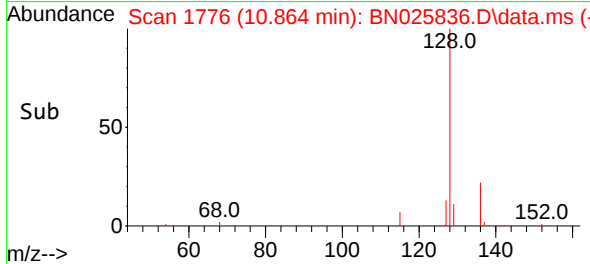
Instrument :
BNA_N
ClientSampleId :
EW985DL



Tgt Ion:128 Resp: 1714
Ion Ratio Lower Upper
128 100
129 20.4 9.1 13.7
127 18.5 10.5 15.7

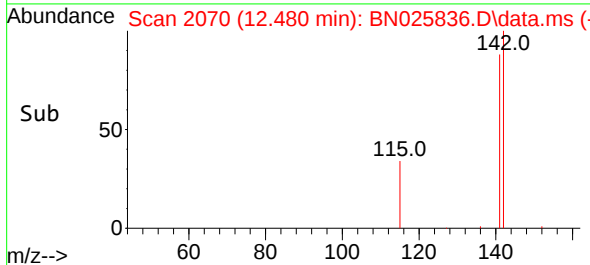
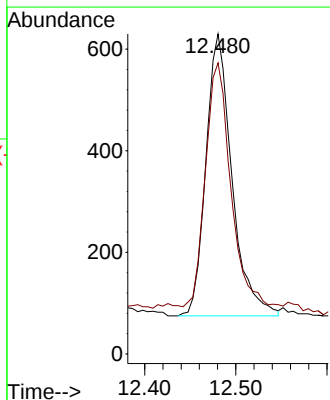
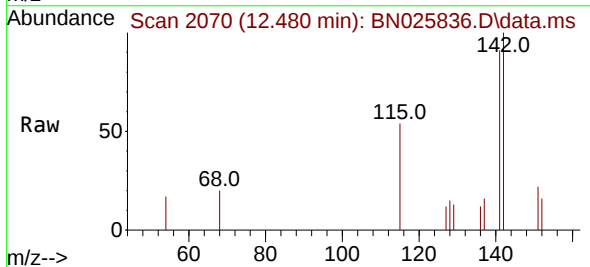
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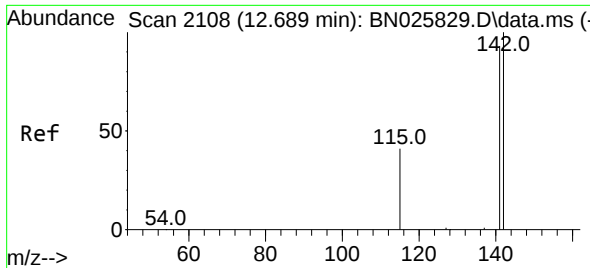
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.480 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

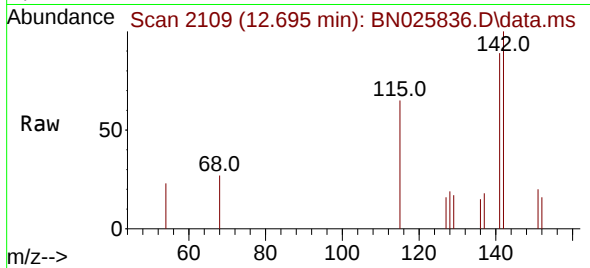
Tgt Ion:142 Resp: 1101
Ion Ratio Lower Upper
142 100
141 83.5 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.695 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

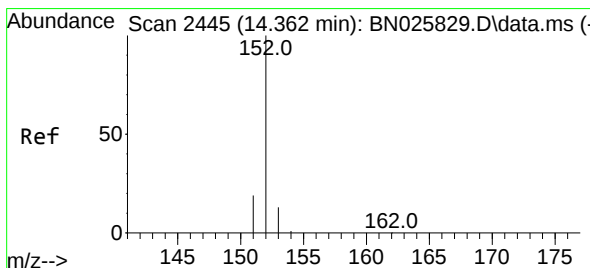
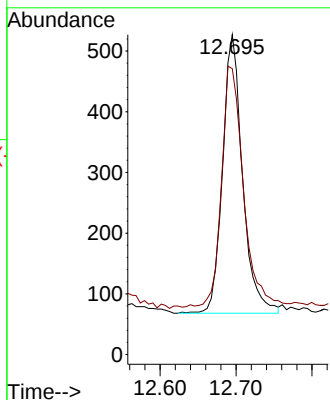
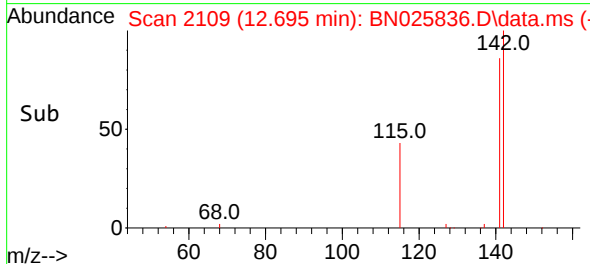
Instrument :
BNA_N
ClientSampleId :
EW985DL



Tgt Ion:142 Resp: 837
Ion Ratio Lower Upper
142 100
141 94.5 74.0 111.0

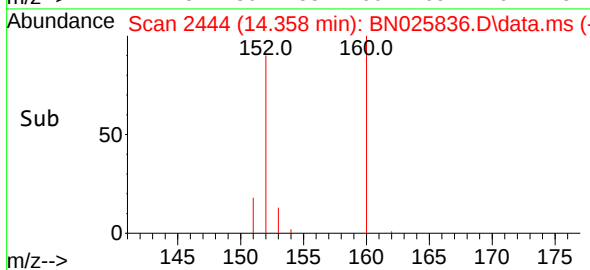
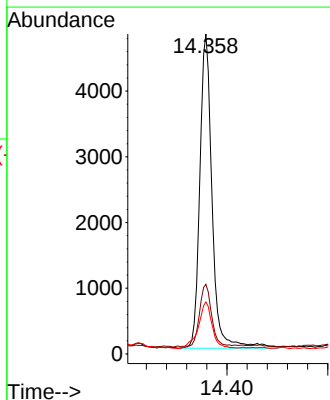
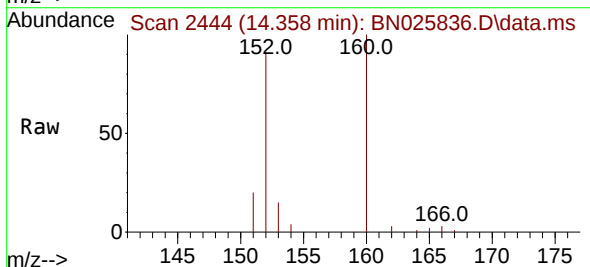
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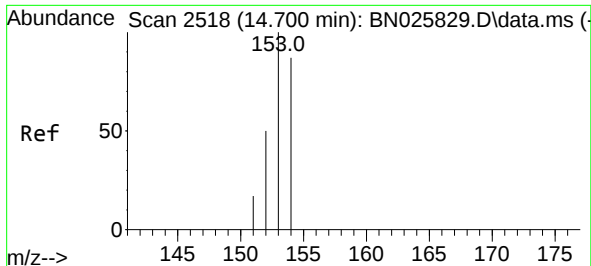
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#10
Acenaphthylene
Concen: 0.147 ng/ul
RT: 14.358 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

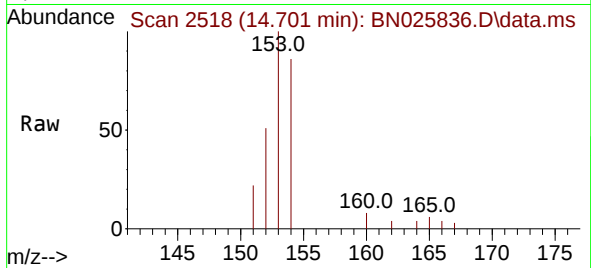
Tgt Ion:152 Resp: 8072
Ion Ratio Lower Upper
152 100
151 21.7 16.0 24.0
153 16.2 10.7 16.1





#11
Acenaphthene
Concen: 0.083 ng/u1
RT: 14.701 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

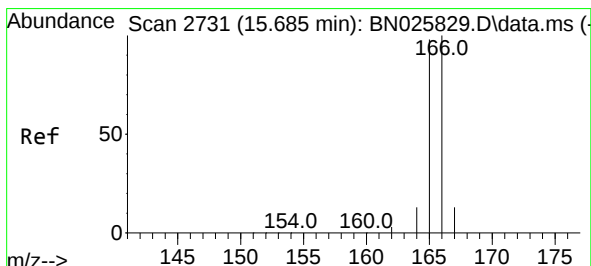
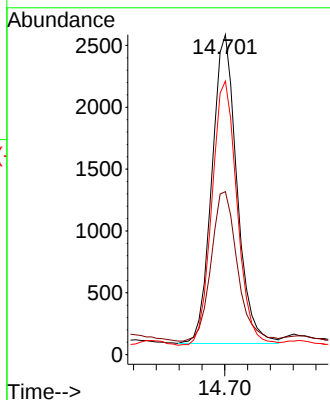
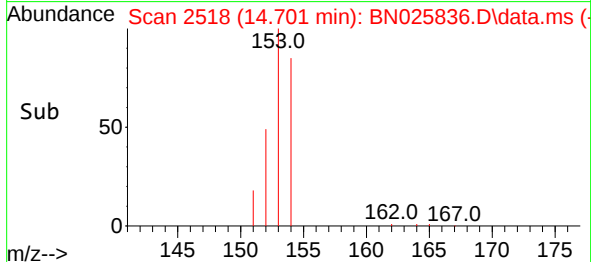
Instrument :
BNA_N
ClientSampleId :
EW985DL



Tgt Ion:153 Resp: 3809
Ion Ratio Lower Upper
153 100
152 50.9 39.5 59.3
154 85.5 68.8 103.2

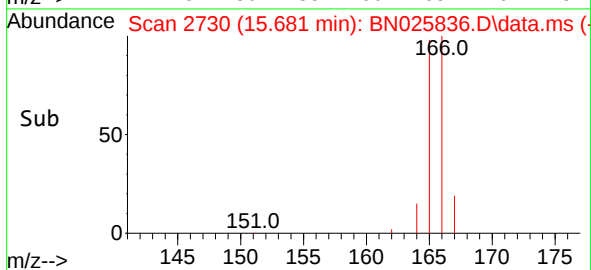
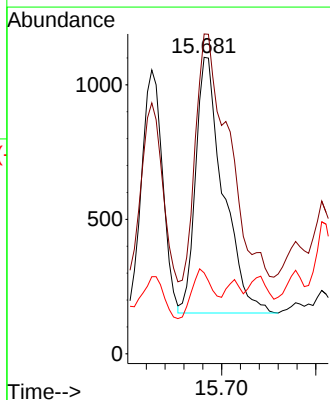
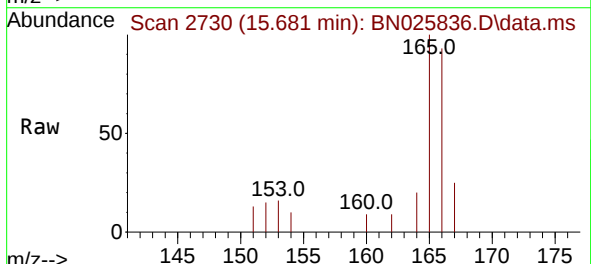
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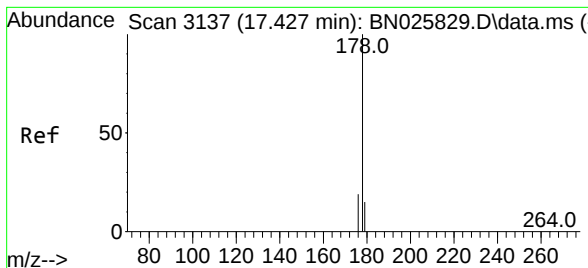
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 0.038 ng/u1
RT: 15.681 min Scan# 2730
Delta R.T. -0.004 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

Tgt Ion:166 Resp: 1930
Ion Ratio Lower Upper
166 100
165 107.9 79.2 118.8
167 27.3 11.0 16.6#





#15

Phenanthrene

Concen: 0.090 ng/u1

RT: 17.424 min Scan# 3137

Delta R.T. -0.003 min

Lab File: BN025836.D

Acq: 14 Jun 2023 11:10

Instrument :

BNA_N

ClientSampleId :

EW985DL

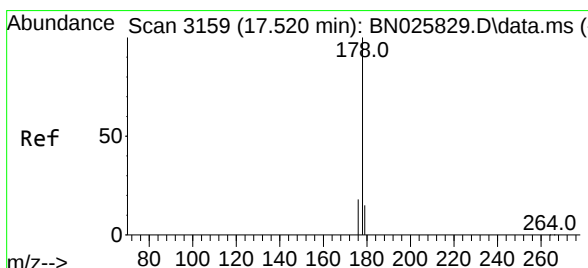
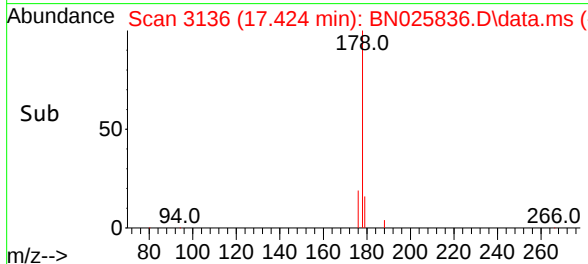
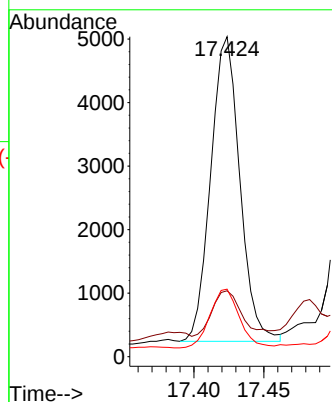
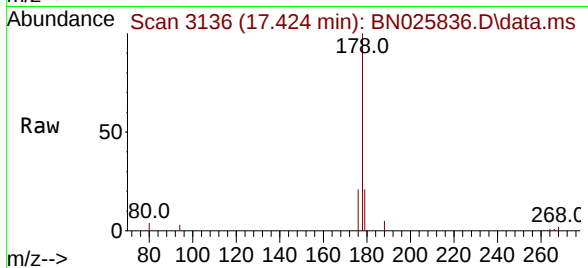
Tgt Ion:178	Resp:	6939
Ion Ratio	Lower	Upper
178	100	
179	20.6	12.6 18.8
176	21.1	15.8 23.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/14/2023



#16

Anthracene

Concen: 0.099 ng/u1

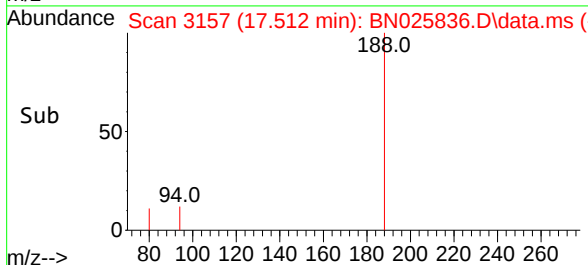
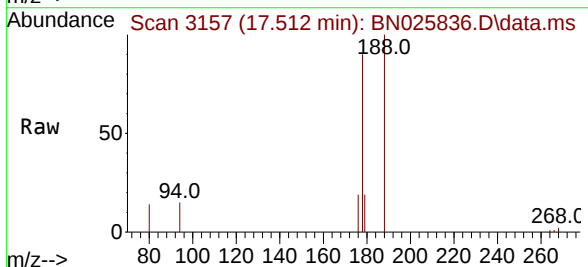
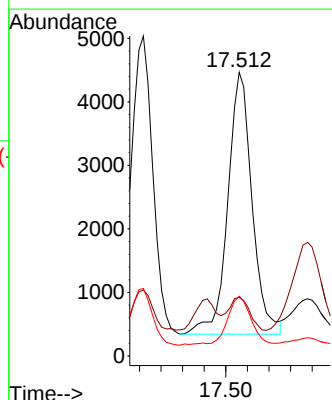
RT: 17.512 min Scan# 3157

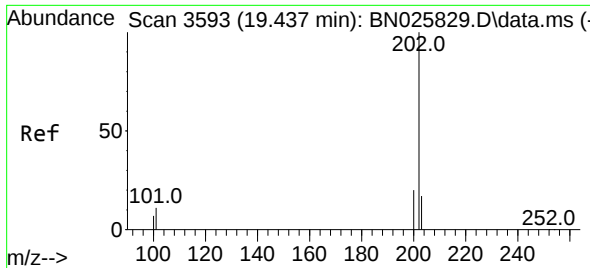
Delta R.T. -0.007 min

Lab File: BN025836.D

Acq: 14 Jun 2023 11:10

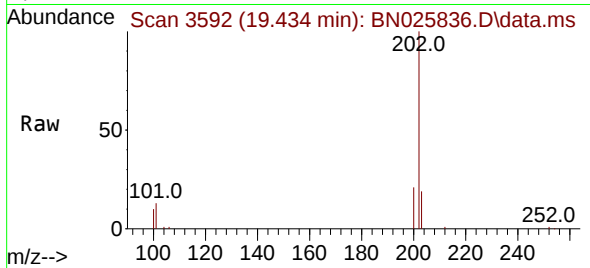
Tgt Ion:178	Resp:	6458
Ion Ratio	Lower	Upper
178	100	
179	20.6	12.6 19.0
176	21.0	15.4 23.2





#19
Fluoranthene
Concen: 0.430 ng/u1
RT: 19.434 min Scan# 3593
Delta R.T. -0.003 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

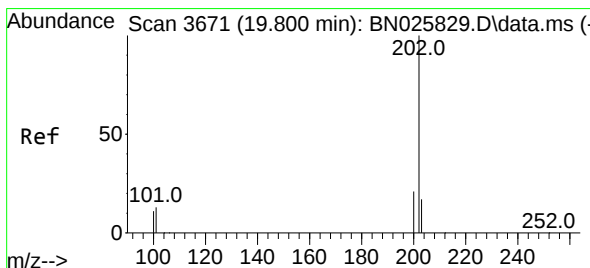
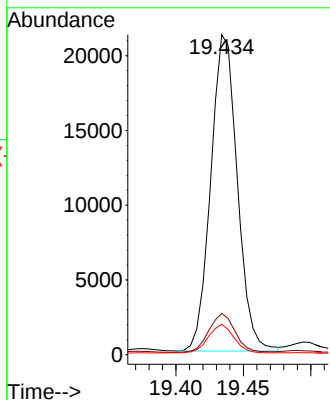
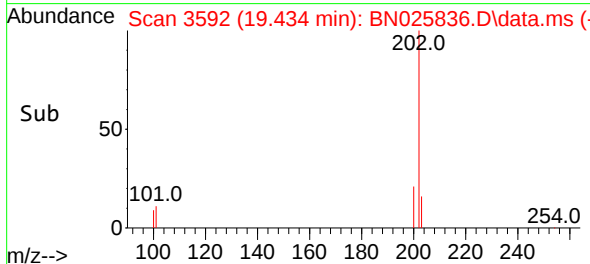
Instrument :
BNA_N
ClientSampleId :
EW985DL



Tgt Ion:202 Resp: 2899
Ion Ratio Lower Upper
202 100
101 12.9 9.1 13.7
100 9.5 7.0 10.6

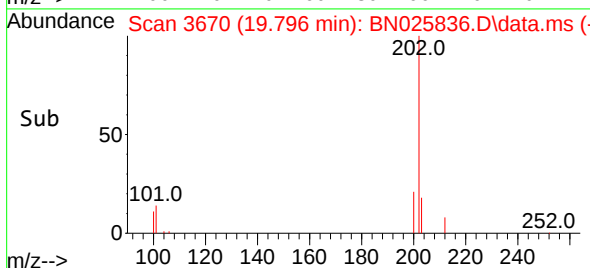
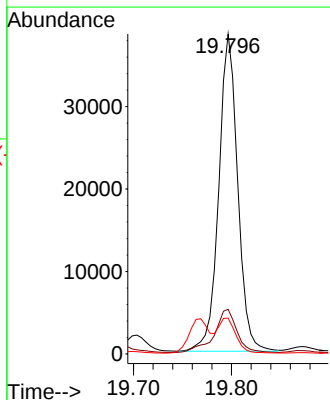
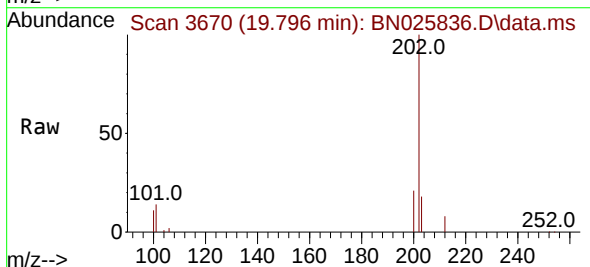
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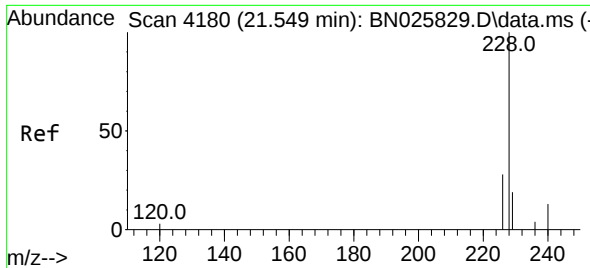
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#20
Pyrene
Concen: 0.742 ng/u1
RT: 19.796 min Scan# 3670
Delta R.T. -0.003 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

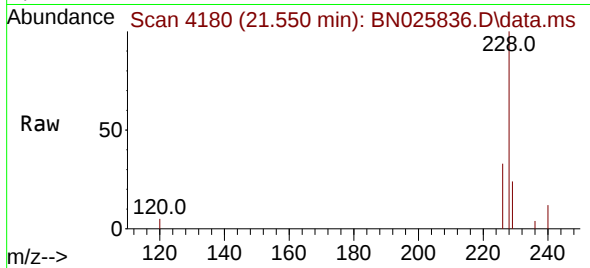
Tgt Ion:202 Resp: 51726
Ion Ratio Lower Upper
202 100
101 13.9 10.4 15.6
100 11.2 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.524 ng/ul m
RT: 21.550 min Scan# 4180
Delta R.T. 0.002 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

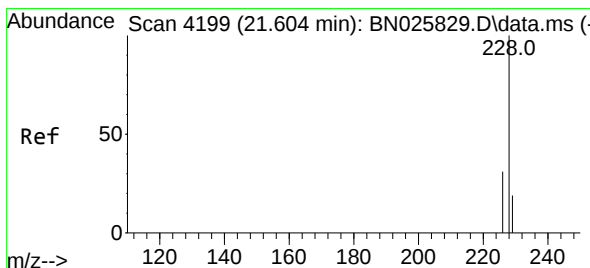
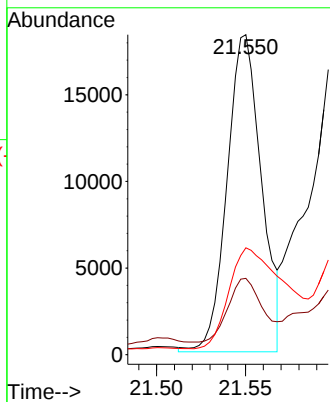
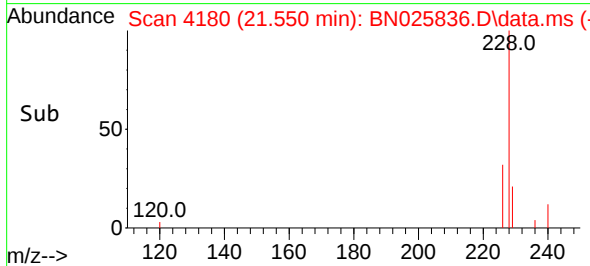
Instrument :
BNA_N
ClientSampleId :
EW985DL



Tgt Ion:228 Resp: 2463
Ion Ratio Lower Upper
228 100
229 23.8 15.5 23.3
226 33.4 22.0 33.0

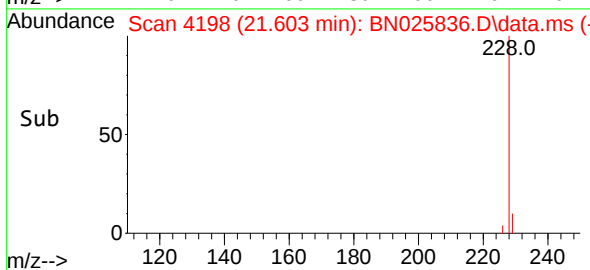
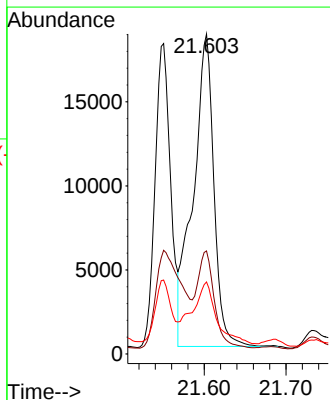
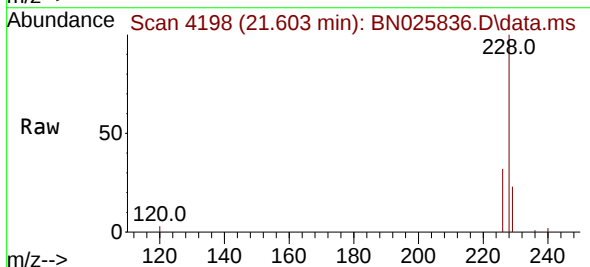
Manual Integrations
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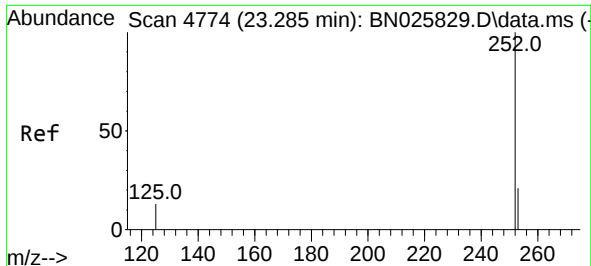
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#22
Chrysene
Concen: 0.611 ng/ul
RT: 21.603 min Scan# 4198
Delta R.T. -0.001 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

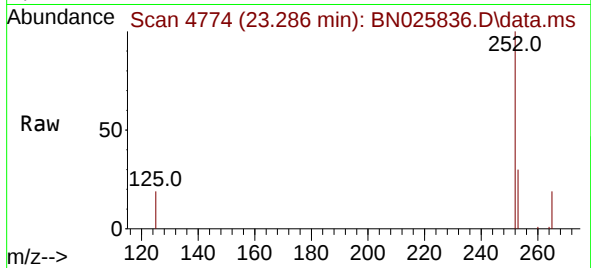
Tgt Ion:228 Resp: 32833
Ion Ratio Lower Upper
228 100
226 32.2 24.7 37.1
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.444 ng/ul m
RT: 23.286 min Scan# 4774
Delta R.T. 0.001 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

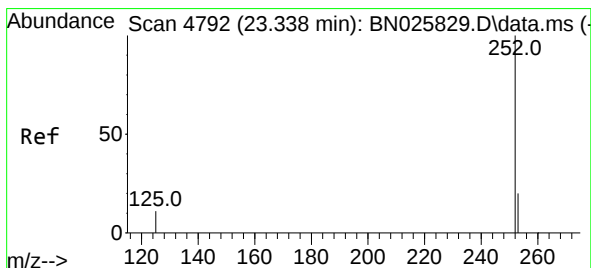
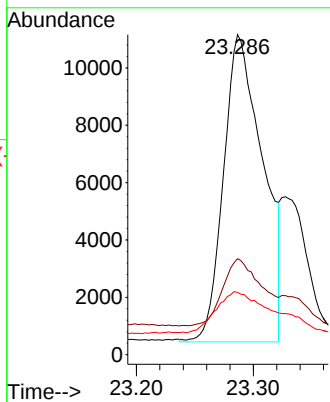
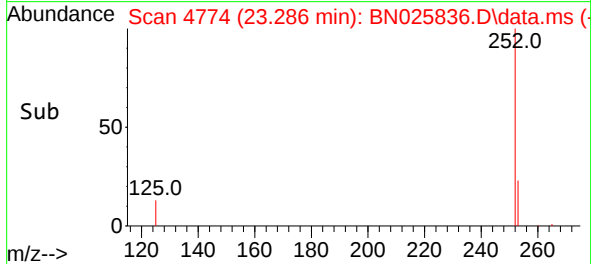
Instrument :
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ClientSampleId :
EW985DL



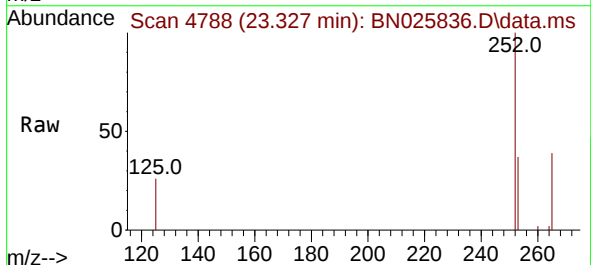
Tgt Ion:252 Resp: 2499
Ion Ratio Lower Upper
252 100
253 30.0 0.0 56.0
125 19.5 0.0 28.0

Manual Integrations
APPROVED

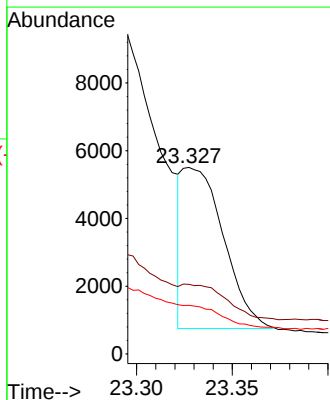
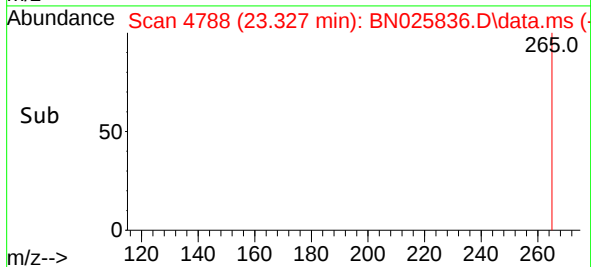
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

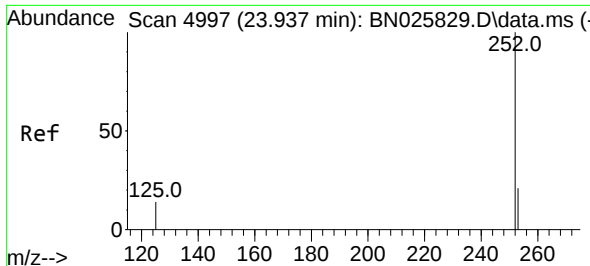


#25
Benzo(k)fluoranthene
Concen: 0.126 ng/ul m
RT: 23.327 min Scan# 4788
Delta R.T. -0.010 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10



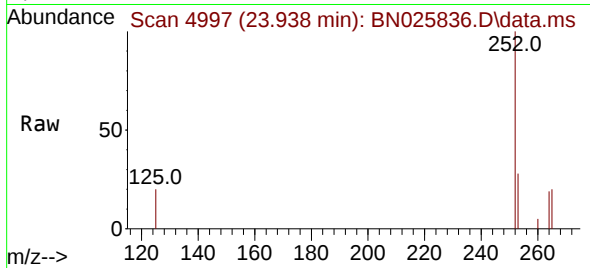
Tgt Ion:252 Resp: 7141
Ion Ratio Lower Upper
252 100
253 37.4 23.3 34.9#
125 26.1 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 0.536 ng/ul
RT: 23.938 min Scan# 4997
Delta R.T. 0.002 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10

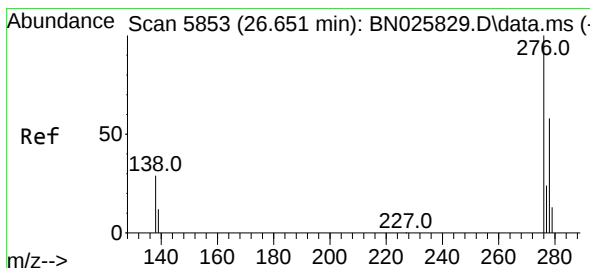
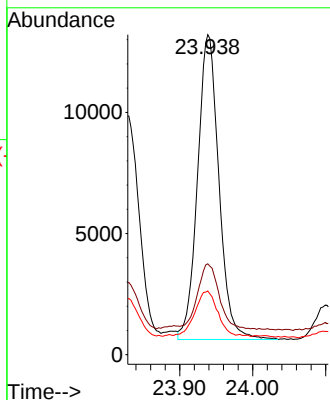
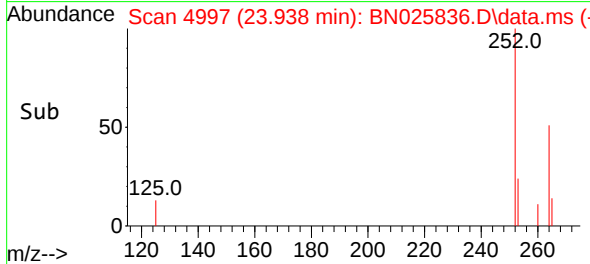
Instrument :
BNA_N
ClientSampleId :
EW985DL



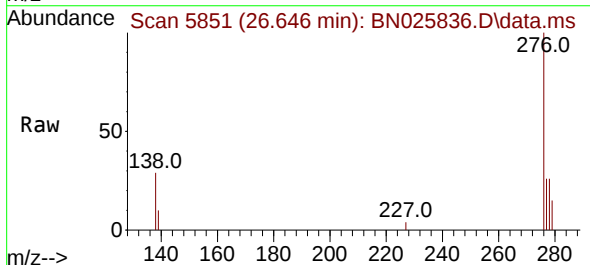
Tgt Ion:252 Resp: 25598
Ion Ratio Lower Upper
252 100
253 28.4 25.8 38.8
125 19.9 13.5 20.3

Manual Integrations
APPROVED

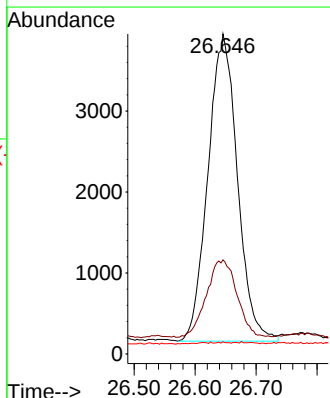
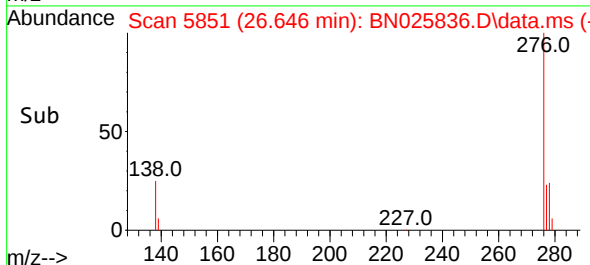
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

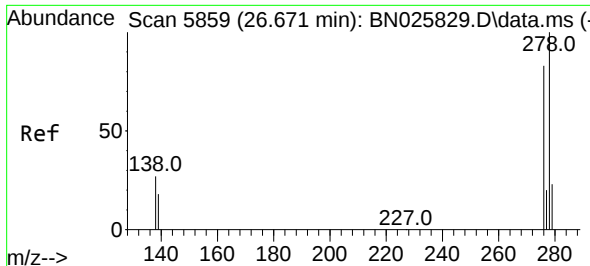


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.234 ng/ul
RT: 26.646 min Scan# 5851
Delta R.T. -0.005 min
Lab File: BN025836.D
Acq: 14 Jun 2023 11:10



Tgt Ion:276 Resp: 12727
Ion Ratio Lower Upper
276 100
138 25.9 24.6 36.8
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.092 ng/ul

RT: 26.659 min Scan# 5855

Delta R.T. -0.012 min

Lab File: BN025836.D

Acq: 14 Jun 2023 11:10

Instrument :

BNA_N

ClientSampleId :

EW985DL

Tgt Ion:278 Resp: 3790

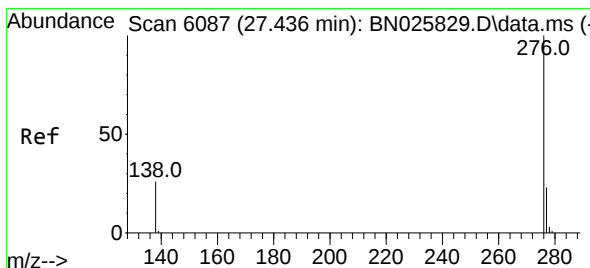
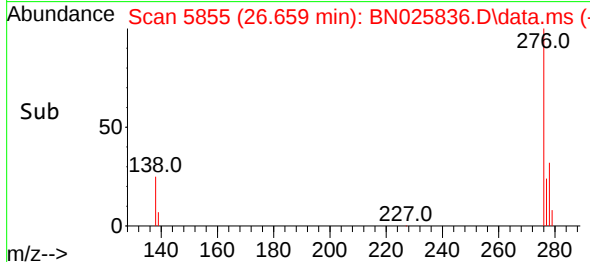
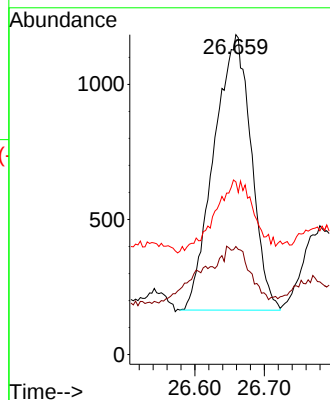
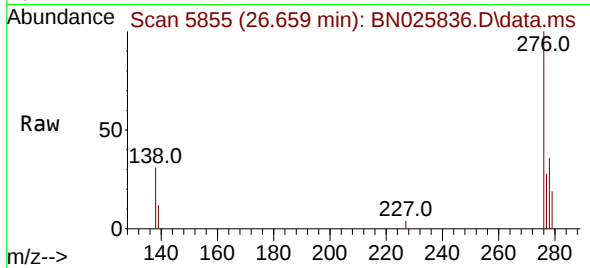
Ion	Ratio	Lower	Upper
278	100		
139	33.8	17.9	26.9
279	54.0	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/14/2023



#29

Benzo(g,h,i)perylene

Concen: 0.303 ng/ul

RT: 27.447 min Scan# 6090

Delta R.T. 0.012 min

Lab File: BN025836.D

Acq: 14 Jun 2023 11:10

Tgt Ion:276 Resp: 14768

Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	25.1	19.4	29.2

