

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026091.D
 Acq On : 29 Jun 2023 12:59
 Operator : MA/JU
 Sample : 03142-18DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 00:43:24 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	6318	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.776	136	21163	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	12530	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	25545	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	15910	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	14464	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	1618	0.227	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	479	0.015	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	1041	0.017	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.825	128	1600	0.026	ng/ul#	82
7) 2-Methylnaphthalene	12.447	142	992	0.026	ng/ul	100
10) Acenaphthylene	14.325	152	1285	0.022	ng/ul#	75
11) Acenaphthene	14.667	153	1183	0.025	ng/ul	97
15) Phenanthrene	17.393	178	19014	0.225	ng/ul	98
16) Anthracene	17.486	178	3790	0.051	ng/ul#	83
19) Fluoranthene	19.410	202	45020	0.530	ng/ul	99
20) Pyrene	19.772	202	39037	0.442	ng/ul	99
21) Benzo(a)anthracene	21.526	228	17452	0.266	ng/ul#	92
22) Chrysene	21.579	228	19653	0.288	ng/ul#	92
24) Benzo(b)fluoranthene	23.253	252	27668m	0.448	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	8595m	0.139	ng/ul	
26) Benzo(a)pyrene	23.897	252	16010	0.299	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.584	276	12421	0.212	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.598	278	2966	0.067	ng/ul#	16
29) Benzo(g,h,i)perylene	27.376	276	12601	0.242	ng/ul	91

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

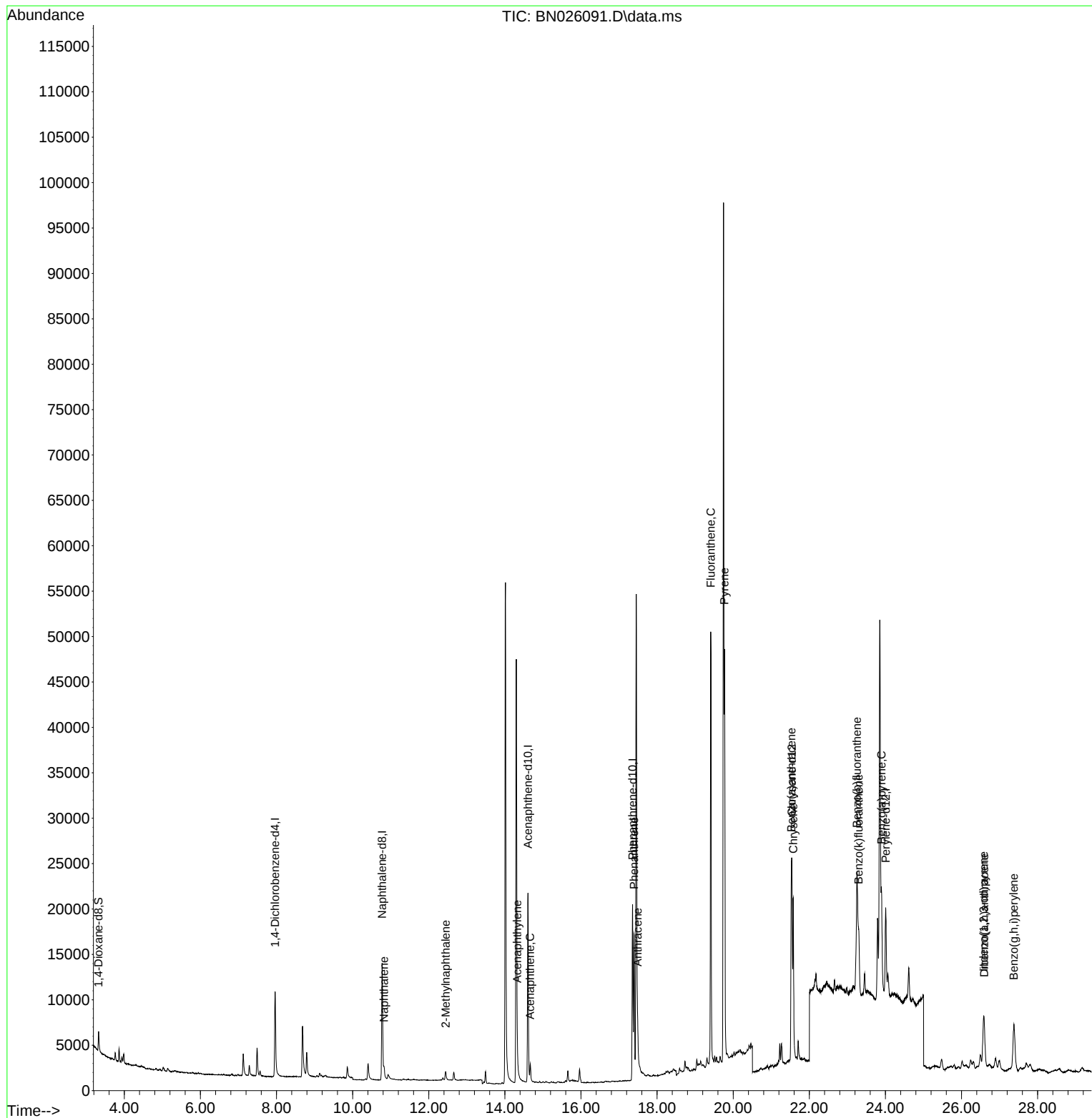
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026091.D
Acq On : 29 Jun 2023 12:59
Operator : MA/JU
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ALS Vial : 12 Sample Multiplier: 1

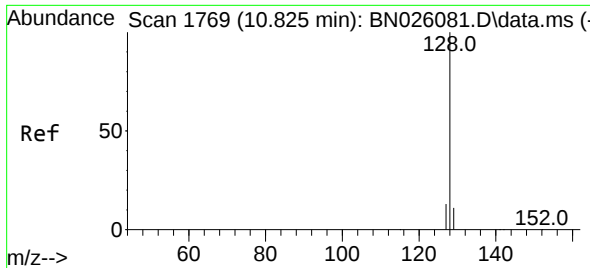
Instrument :
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Quant Time: Jun 30 00:43:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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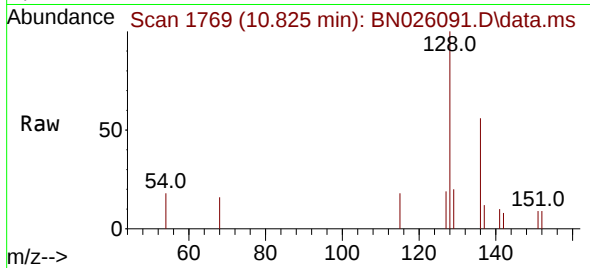
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. -0.011 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

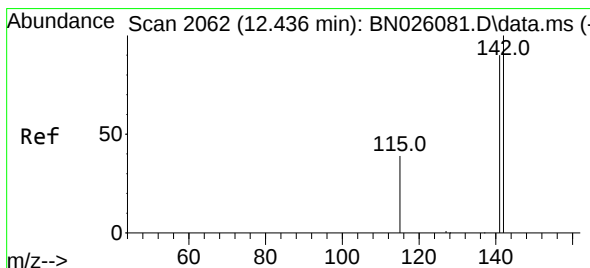
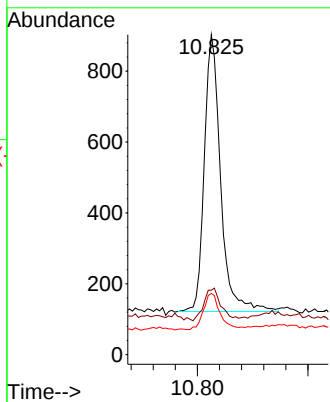
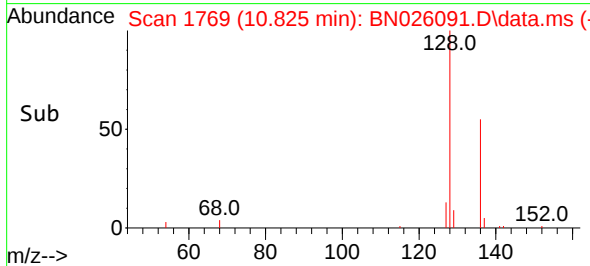
Instrument :
BNA_N
ClientSampleId :
DCFT5DL



Tgt Ion:128 Resp: 1600
Ion Ratio Lower Upper
128 100
129 20.2 9.1 13.7
127 19.2 10.7 16.1

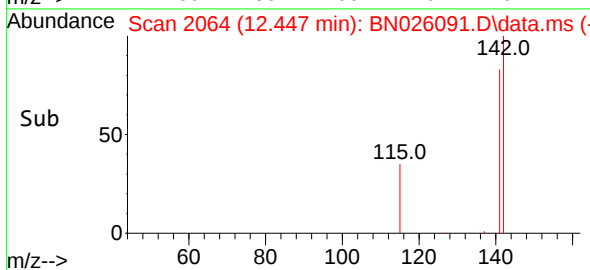
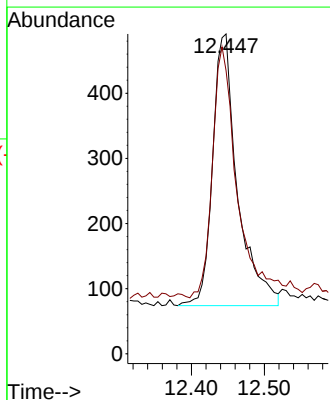
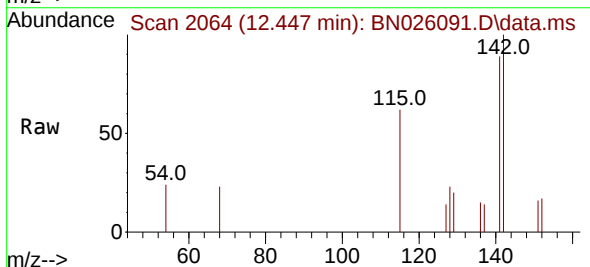
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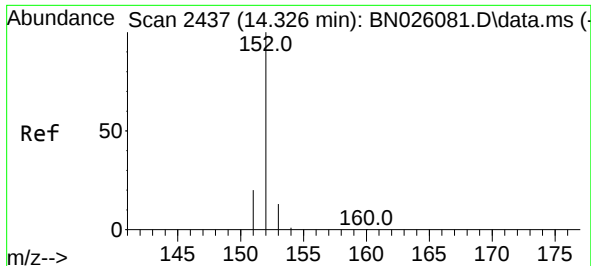
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

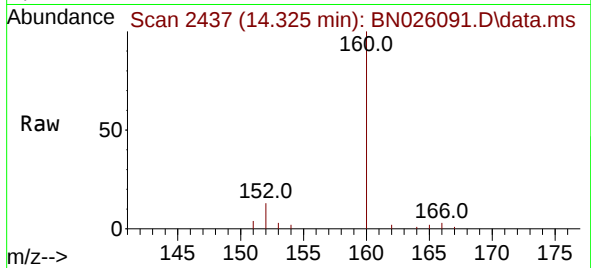
Tgt Ion:142 Resp: 992
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9





#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

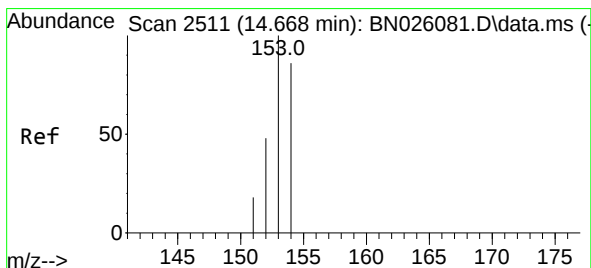
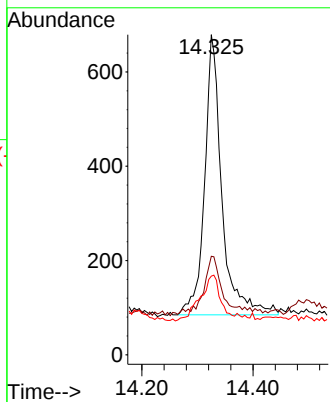
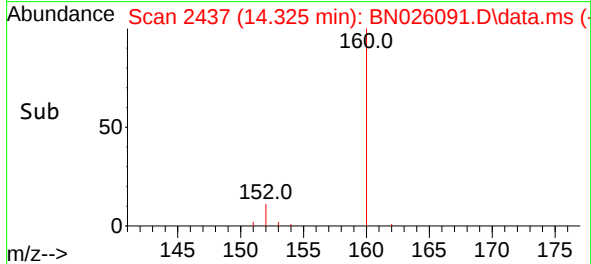
Instrument :
BNA_N
ClientSampleId :
DCFT5DL



Tgt Ion:152 Resp: 128
Ion Ratio Lower Upper
152 100
151 30.8 16.2 24.4
153 24.6 10.9 16.3

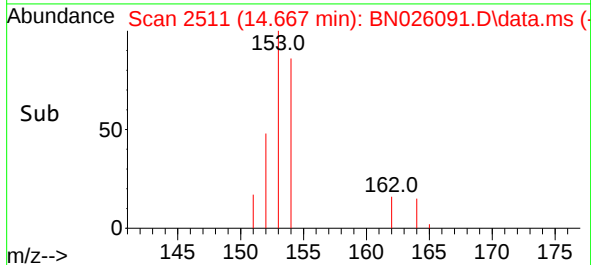
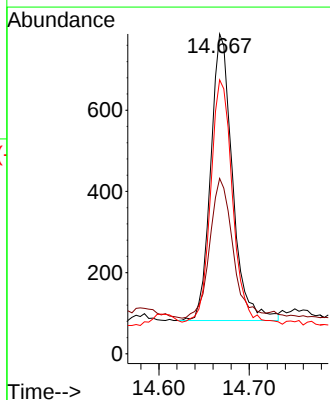
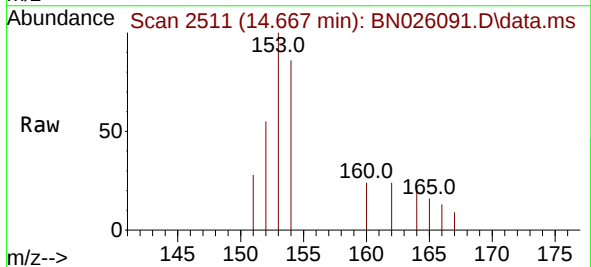
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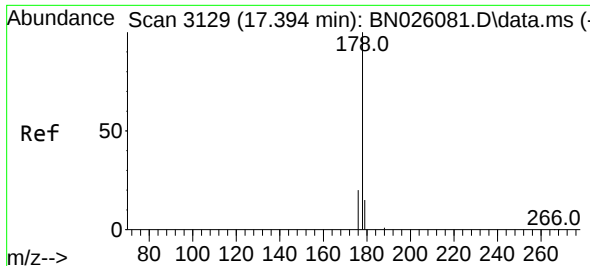
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

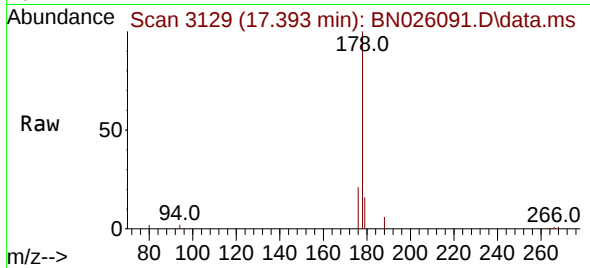
Tgt Ion:153 Resp: 1183
Ion Ratio Lower Upper
153 100
152 54.8 39.4 59.0
154 85.7 68.9 103.3





#15
Phenanthrene
Concen: 0.225 ng/ul
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

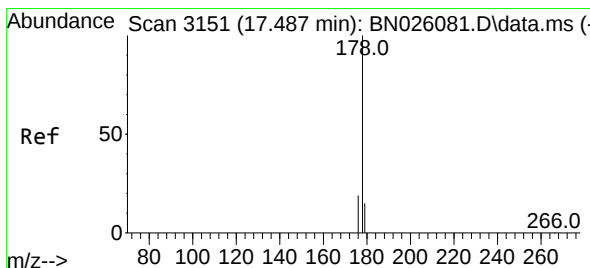
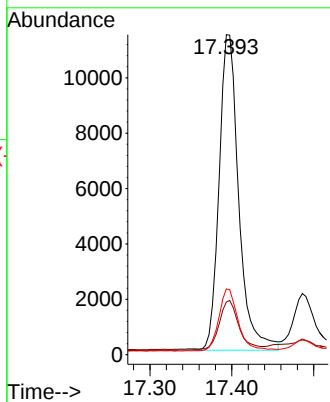
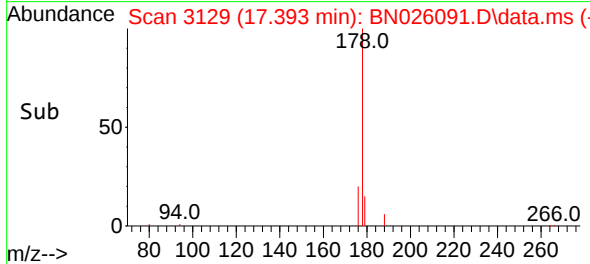
Instrument :
BNA_N
ClientSampleId :
DCFT5DL



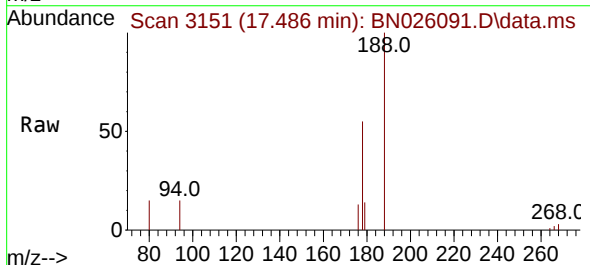
Tgt Ion:178 Resp: 19014
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.5 15.8 23.6

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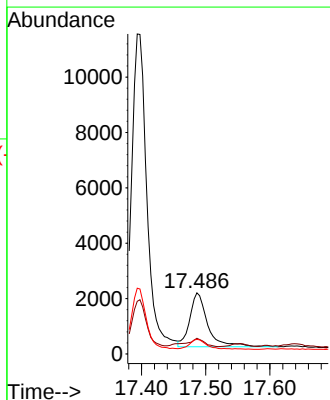
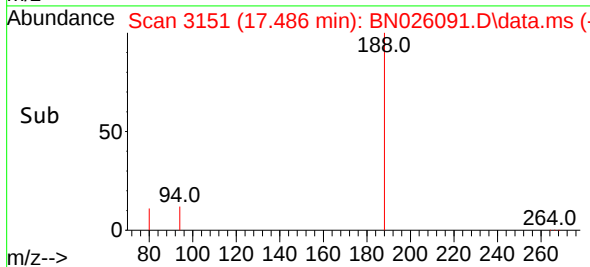
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

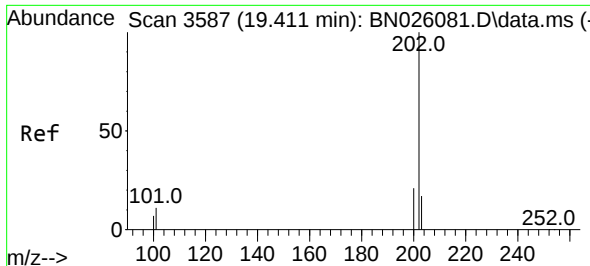


#16
Anthracene
Concen: 0.051 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59



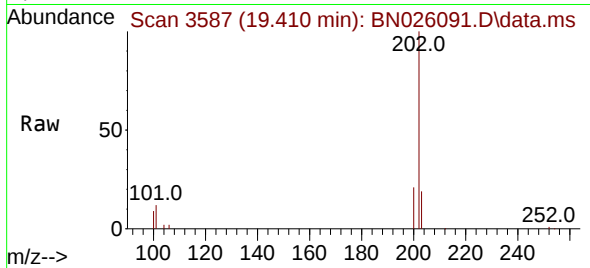
Tgt Ion:178 Resp: 3790
Ion Ratio Lower Upper
178 100
179 25.7 12.6 18.8#
176 23.7 15.1 22.7#





#19
Fluoranthene
Concen: 0.530 ng/ul
RT: 19.410 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

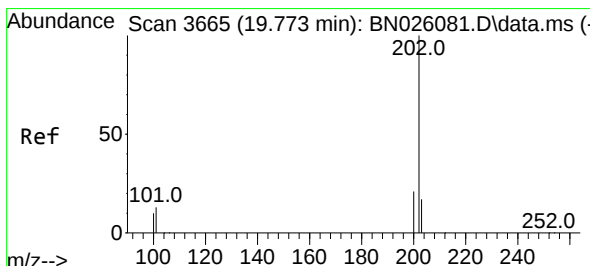
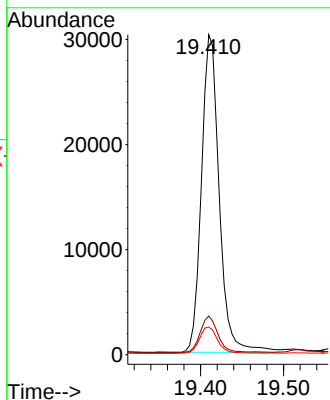
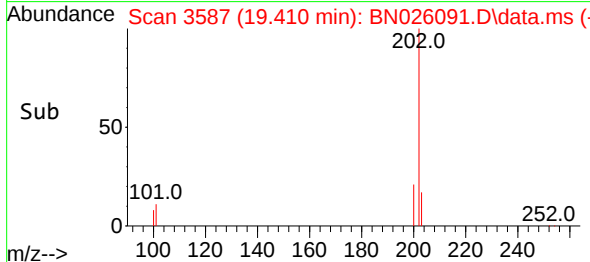
Instrument :
BNA_N
ClientSampleId :
DCFT5DL



Tgt Ion:202 Resp: 45020
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 8.6 7.3 10.9

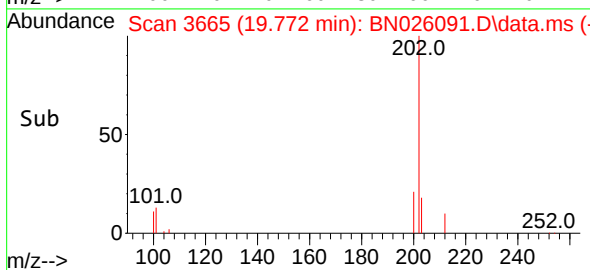
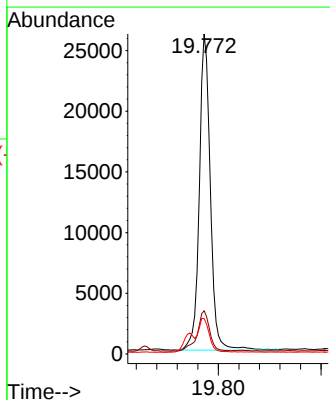
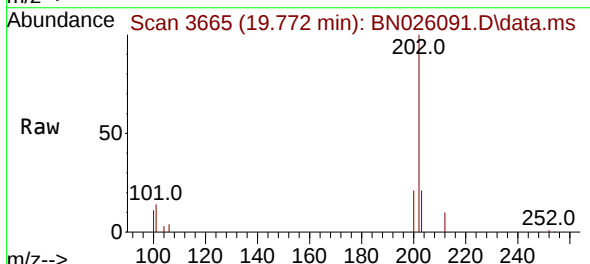
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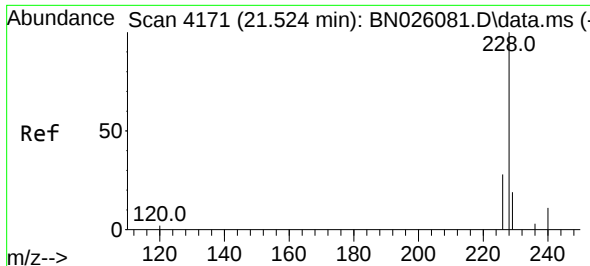
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 0.442 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

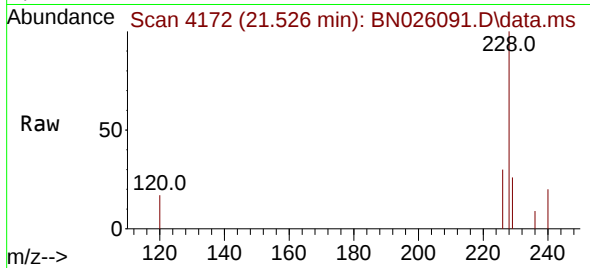
Tgt Ion:202 Resp: 39037
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 11.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.266 ng/ul
RT: 21.526 min Scan# 4172
Delta R.T. -0.003 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

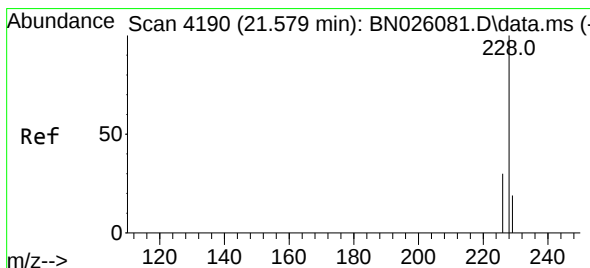
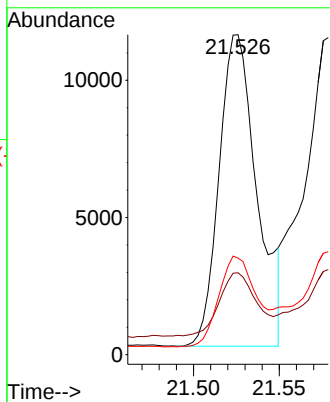
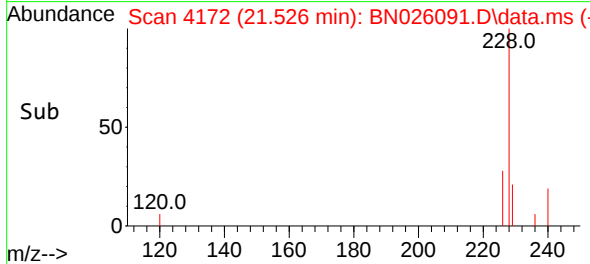
Instrument :
BNA_N
ClientSampleId :
DCFT5DL



Tgt Ion:228 Resp: 17452
Ion Ratio Lower Upper
228 100
229 25.6 15.8 23.6
226 30.2 22.5 33.7

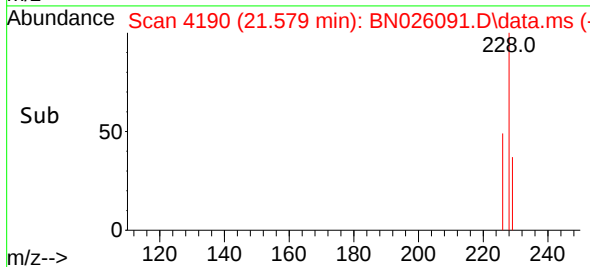
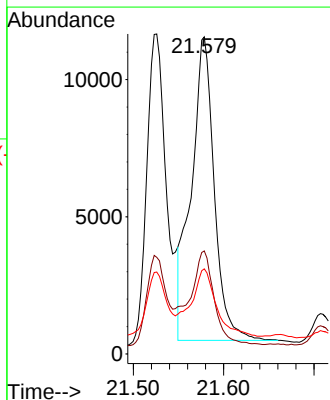
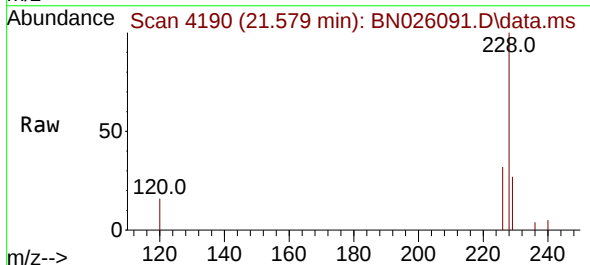
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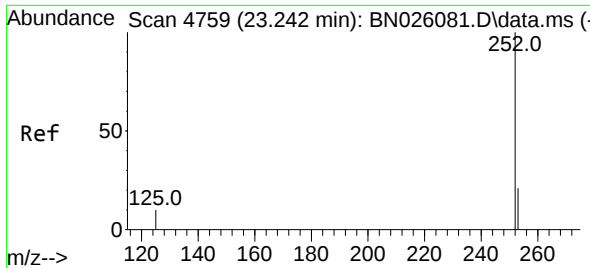
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 0.288 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. 0.000 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

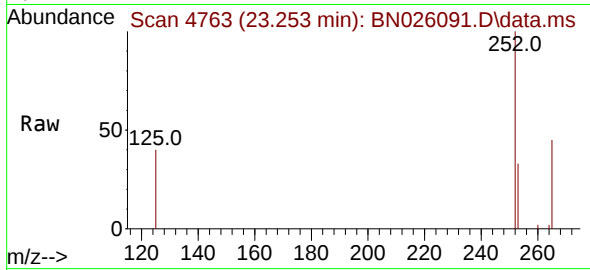
Tgt Ion:228 Resp: 19653
Ion Ratio Lower Upper
228 100
226 32.5 24.8 37.2
229 26.8 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.448 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. 0.000 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

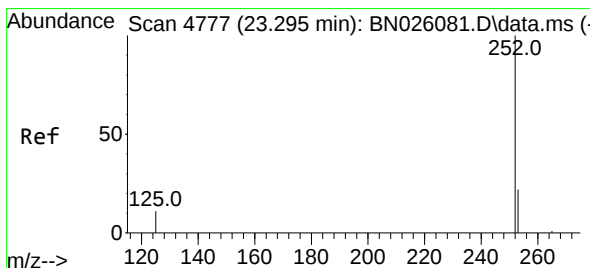
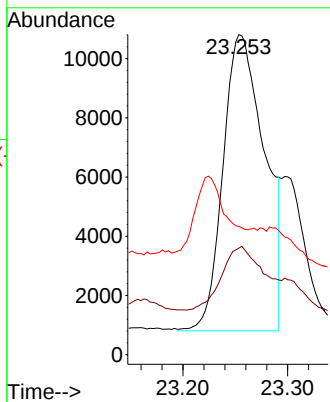
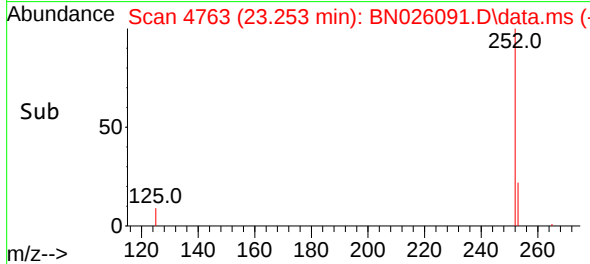
Instrument :
BNA_N
ClientSampleId :
DCFT5DL



Tgt Ion:252 Resp: 2766
Ion Ratio Lower Upper
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253 33.3 0.0 55.6
125 40.1 0.0 35.8

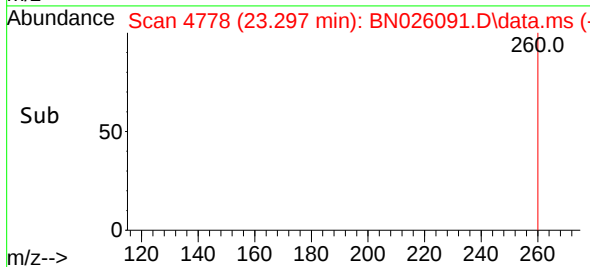
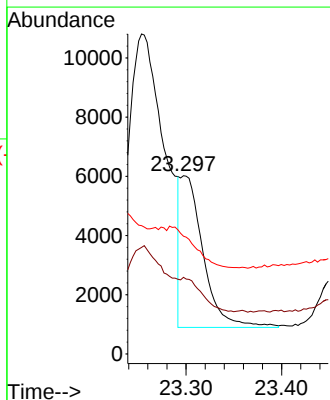
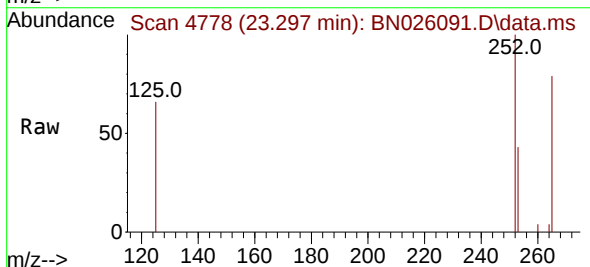
Manual Integrations
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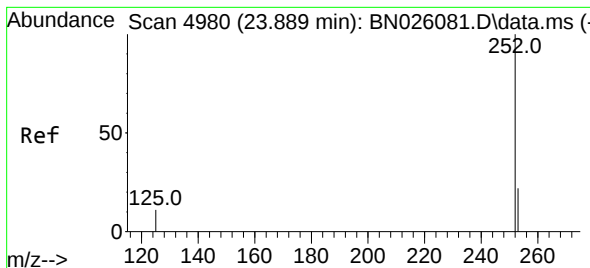
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.139 ng/ul m
RT: 23.297 min Scan# 4778
Delta R.T. -0.006 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

Tgt Ion:252 Resp: 8595
Ion Ratio Lower Upper
252 100
253 43.0 23.2 34.8#
125 66.1 15.0 22.4#





#26

Benzo(a)pyrene

Concen: 0.299 ng/ul

RT: 23.897 min Scan# 4983

Delta R.T. -0.009 min

Lab File: BN026091.D

Acq: 29 Jun 2023 12:59

Instrument :

BNA_N

ClientSampleId :

DCFT5DL

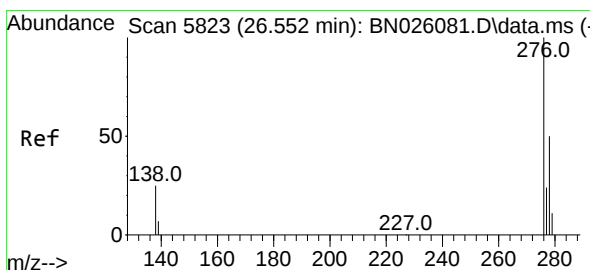
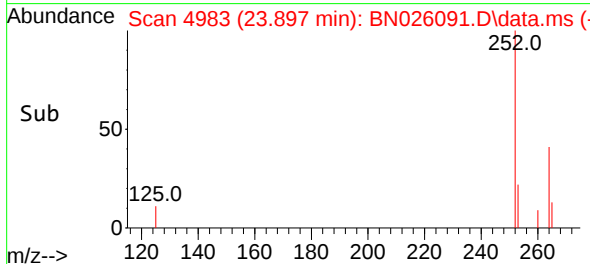
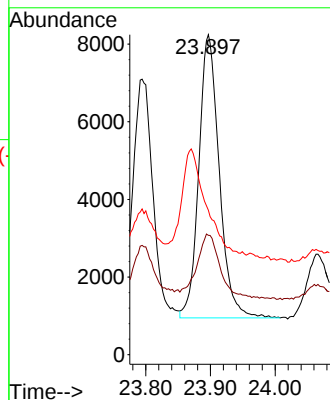
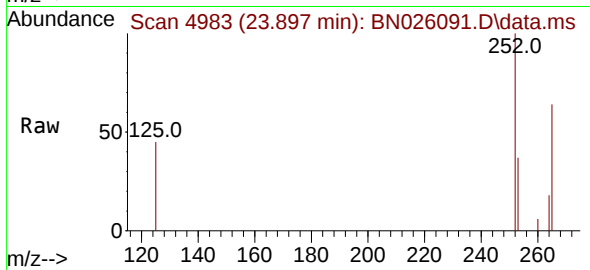
Tgt Ion:252	Resp:	16010
Ion Ratio	Lower	Upper
252	100	
253	37.3	26.0 39.0
125	45.1	17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.212 ng/ul

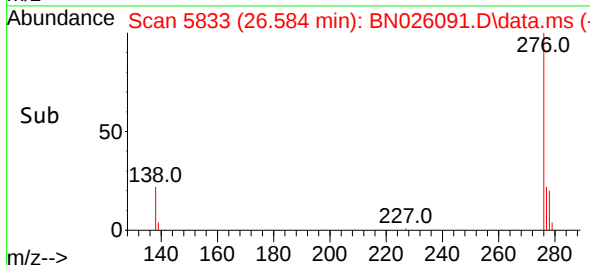
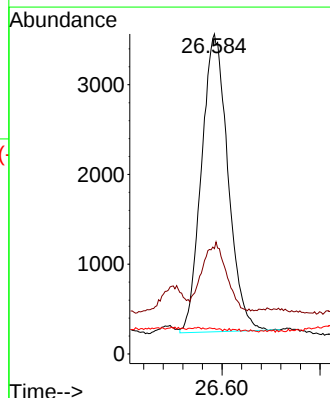
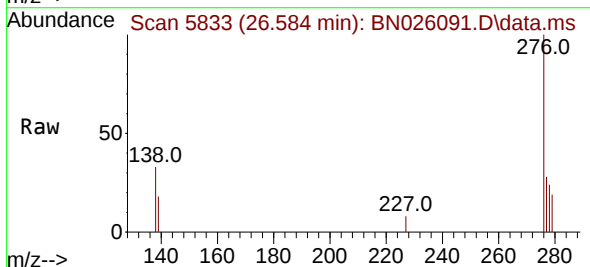
RT: 26.584 min Scan# 5833

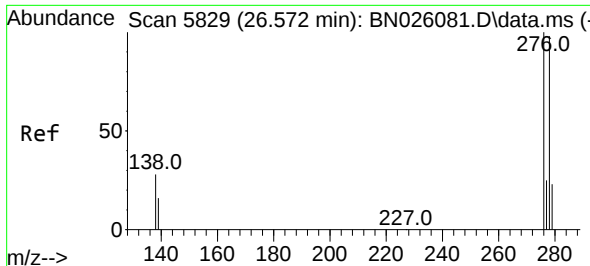
Delta R.T. -0.010 min

Lab File: BN026091.D

Acq: 29 Jun 2023 12:59

Tgt Ion:276	Resp:	12421
Ion Ratio	Lower	Upper
276	100	
138	21.5	24.5 36.7#
227	0.4	0.0 0.0#





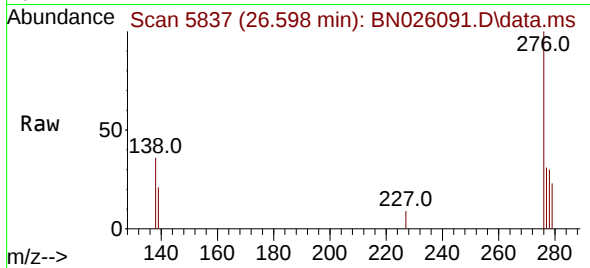
#28
Dibenzo(a,h)anthracene
Concen: 0.067 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. -0.017 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59

Instrument :

BNA_N

ClientSampleId :

DCFT5DL

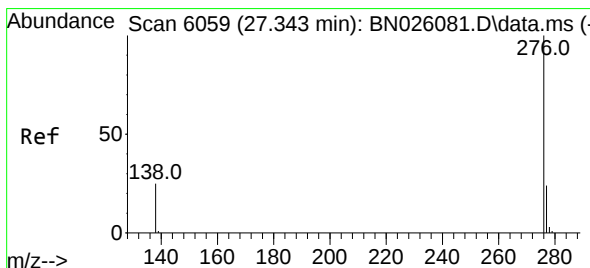
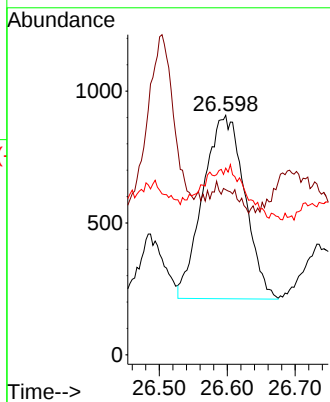
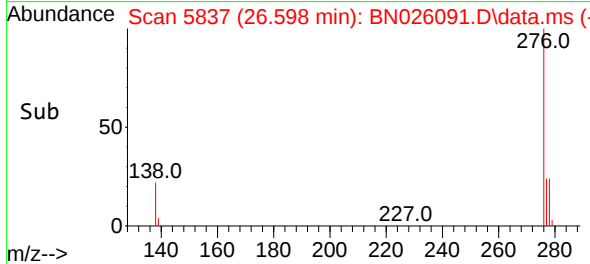


Tgt Ion:278 Resp: 2960
Ion Ratio Lower Upper
278 100
139 68.9 19.0 28.4
279 78.0 26.7 40.1

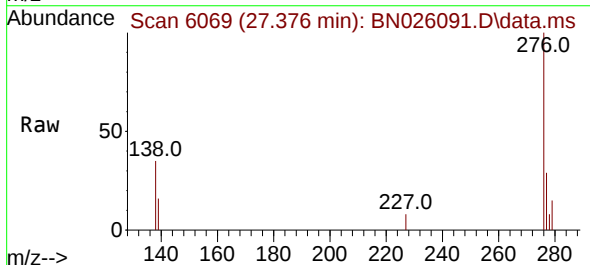
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.242 ng/ul
RT: 27.376 min Scan# 6069
Delta R.T. -0.010 min
Lab File: BN026091.D
Acq: 29 Jun 2023 12:59



Tgt Ion:276 Resp: 12601
Ion Ratio Lower Upper
276 100
138 34.5 23.4 35.0
277 29.3 20.0 30.0

