

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
 Data File : BN026510.D
 Acq On : 14 Jul 2023 21:21
 Operator : MA/JU
 Sample : 03414-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4634

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 01:56:11 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 01:53:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3048	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.752	136	9102	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	6236	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	23022	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.516	240	13592	0.400	ng/ul	0.00
23) Perylene-d12	23.931	264	13670	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	18957	4.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.347	152	5494	0.444	ng/ul	0.00
18) Fluoranthene-d10	19.358	212	19309	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.802	128	1388	0.056	ng/ul#	79
7) 2-Methylnaphthalene	12.424	142	689	0.049	ng/ul	97
8) 1-Methylnaphthalene	12.639	142	1012	0.067	ng/ul	86
10) Acenaphthylene	14.301	152	4249	0.139	ng/ul#	87
11) Acenaphthene	14.648	153	2396m	0.103	ng/ul	
12) Fluorene	15.629	166	3749	0.154	ng/ul#	97
15) Phenanthrene	17.368	178	48219	0.658	ng/ul	98
16) Anthracene	17.460	178	10069	0.158	ng/ul	98
19) Fluoranthene	19.386	202	103769	1.629	ng/ul	98
20) Pyrene	19.748	202	110127	1.592	ng/ul	99
21) Benzo(a)anthracene	21.499	228	49482	0.991	ng/ul	97
22) Chrysene	21.554	228	59737	1.051	ng/ul	97
24) Benzo(b)fluoranthene	23.197	252	60501m	1.136	ng/ul	
25) Benzo(k)fluoranthene	23.238	252	24135m	0.432	ng/ul	
26) Benzo(a)pyrene	23.823	252	43139	0.910	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.453	276	25813	0.415	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.453	278	6411	0.134	ng/ul#	69
29) Benzo(g,h,i)perylene	27.231	276	27466	0.501	ng/ul#	91

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

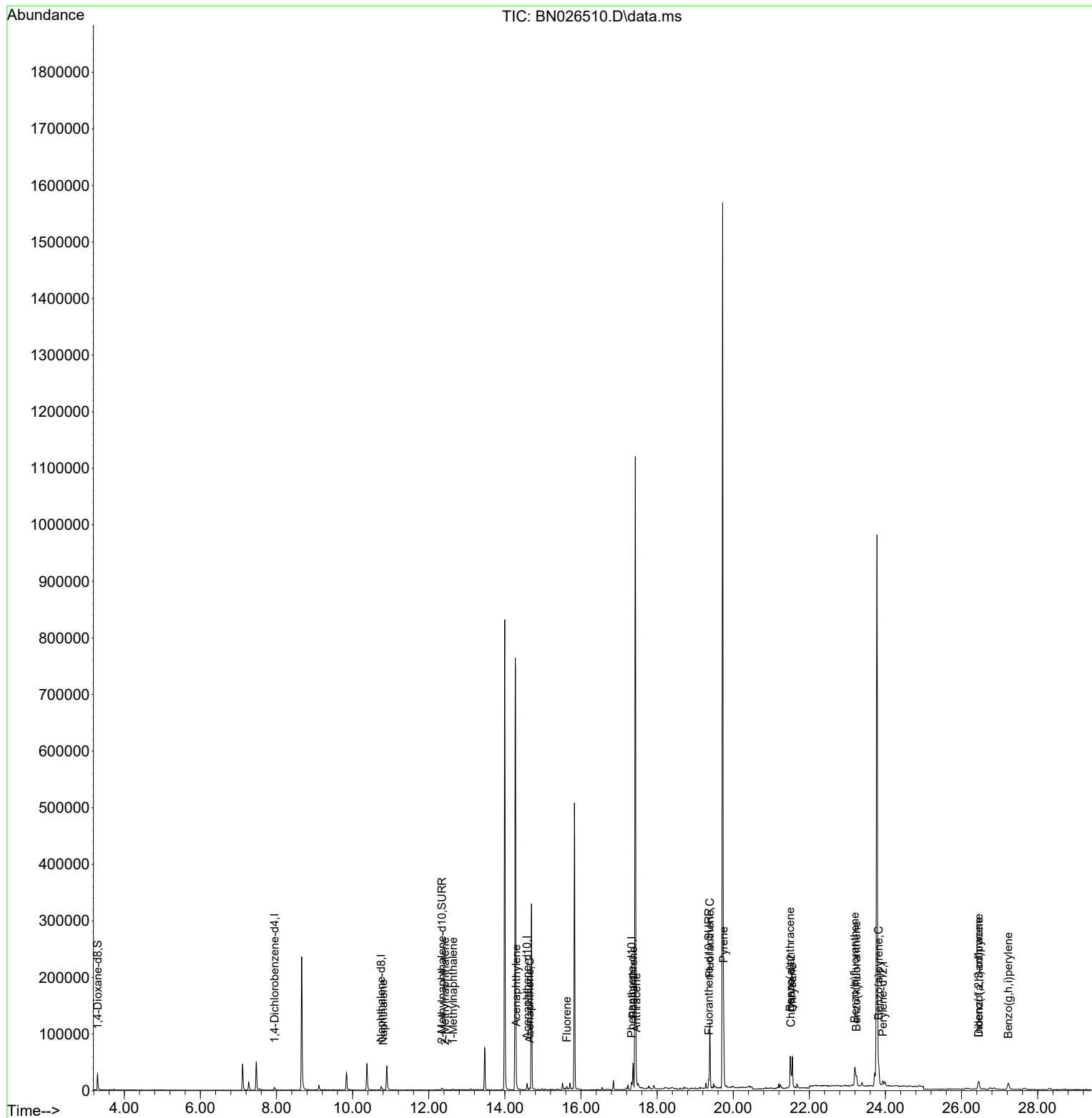
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
Data File : BN026510.D
Acq On : 14 Jul 2023 21:21
Operator : MA/JU
Sample : 03414-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

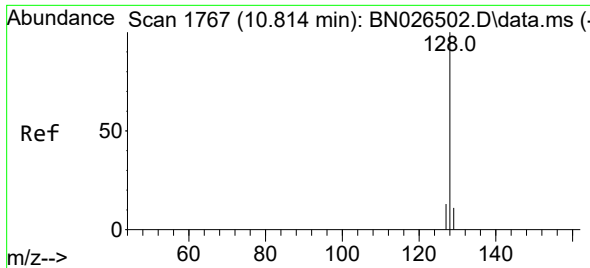
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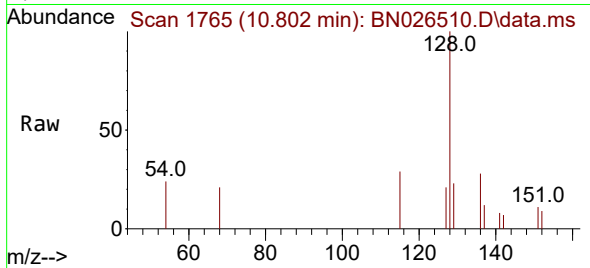
Quant Time: Jul 15 01:56:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.802 min Scan# 1765
Delta R.T. -0.012 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

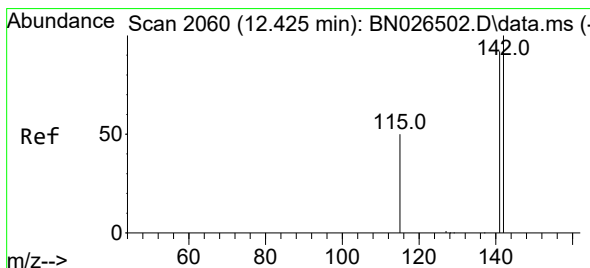
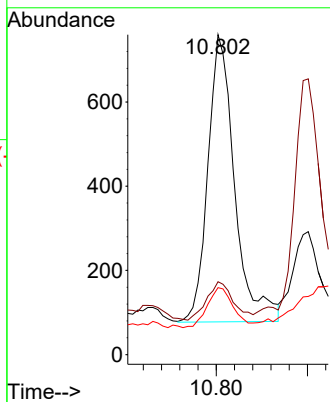
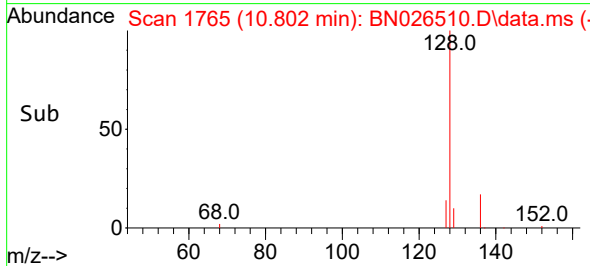
Instrument :
BNA_N
ClientSampleId :
A4634



Tgt Ion:128 Resp: 1388
Ion Ratio Lower Upper
128 100
129 22.8 10.2 15.2
127 20.9 11.4 17.0

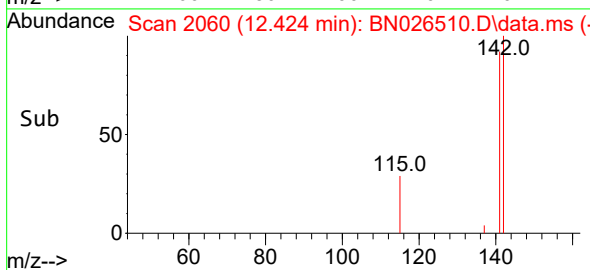
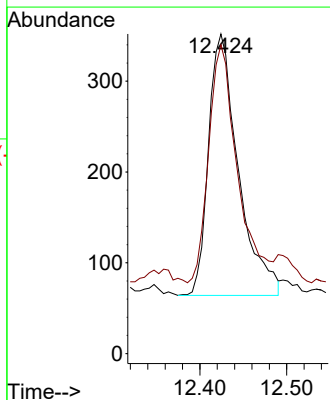
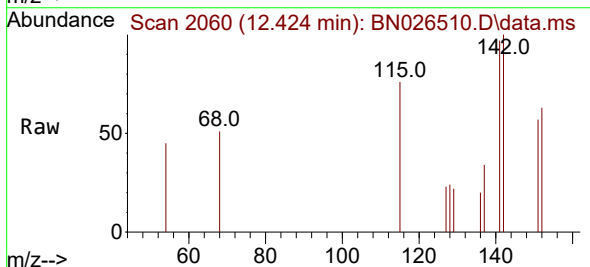
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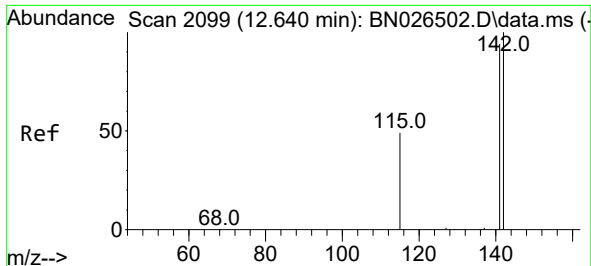
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#7
2-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.424 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

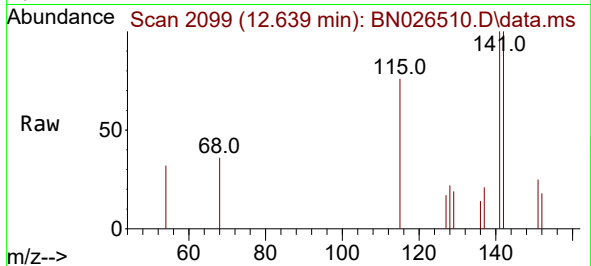
Tgt Ion:142 Resp: 689
Ion Ratio Lower Upper
142 100
141 87.2 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.639 min Scan# 2099
Delta R.T. -0.001 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

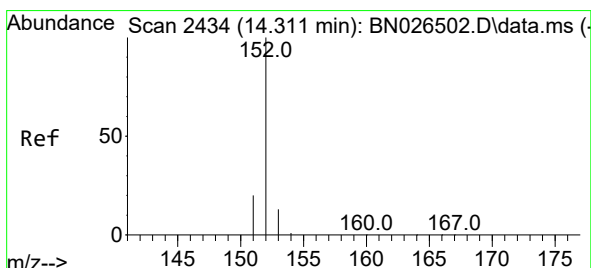
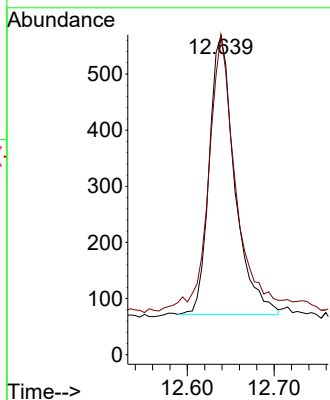
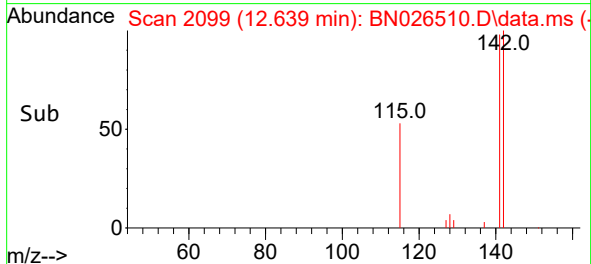
Instrument :
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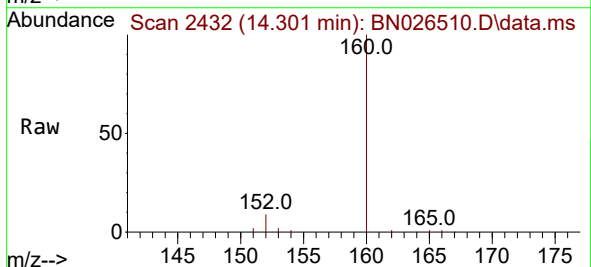
Tgt Ion:142 Resp: 101
Ion Ratio Lower Upper
142 100
141 106.6 74.5 111.7

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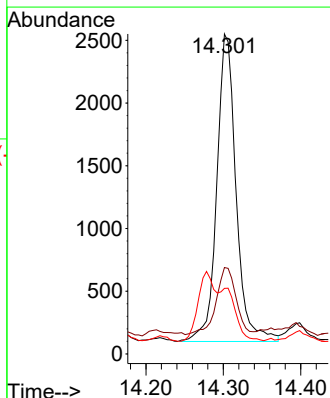
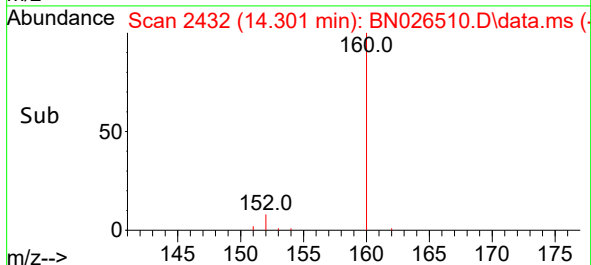
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

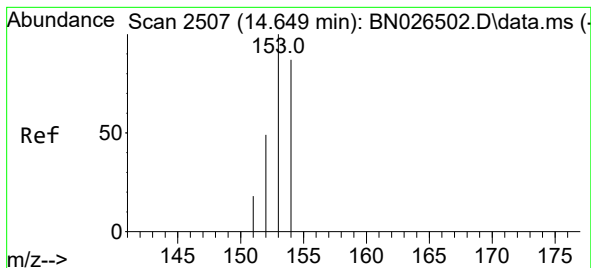


#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. -0.010 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21



Tgt Ion:152 Resp: 4249
Ion Ratio Lower Upper
152 100
151 27.0 17.0 25.6#
153 20.5 11.4 17.2#





#11

Acenaphthene

Concen: 0.103 ng/ul m

RT: 14.648 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN026510.D

Acq: 14 Jul 2023 21:21

Instrument :

BNA_N

ClientSampleId :

A4634

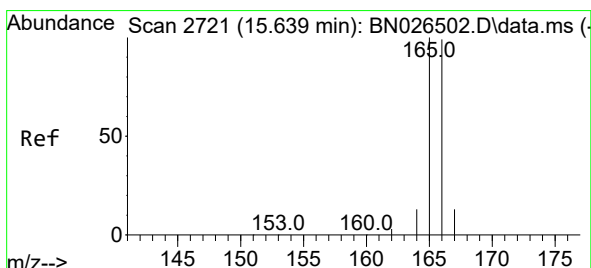
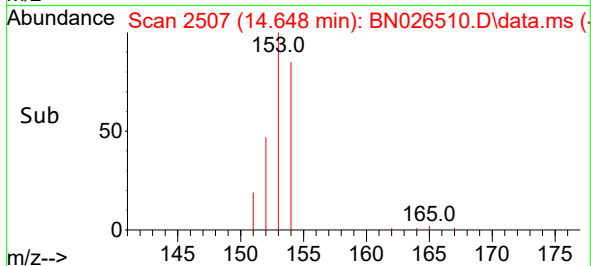
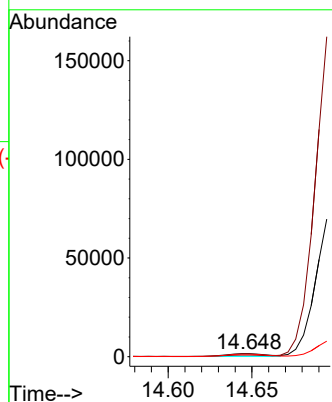
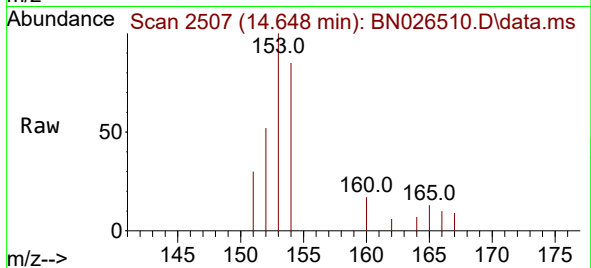
Tgt Ion:153 Resp: 2390

Ion	Ratio	Lower	Upper
153	100		
152	52.3	40.2	60.4
154	85.0	69.3	103.9

Manual Integrations

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Supervised By :mohammad ahmed 07/17/2023



#12

Fluorene

Concen: 0.154 ng/ul

RT: 15.629 min Scan# 2719

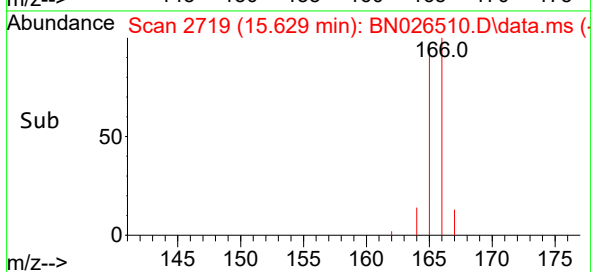
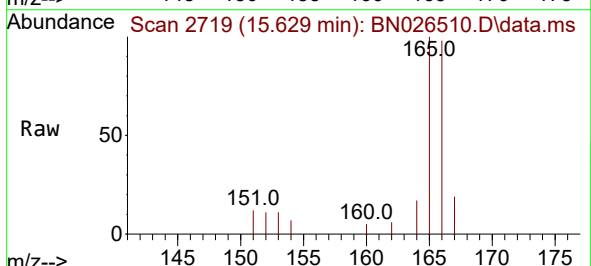
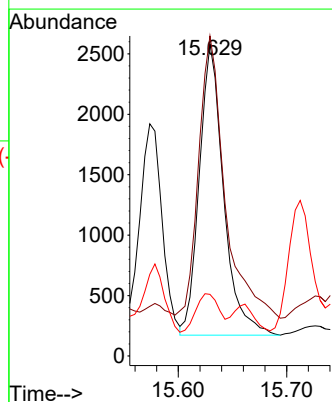
Delta R.T. -0.010 min

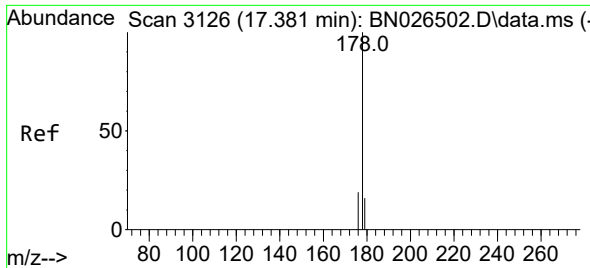
Lab File: BN026510.D

Acq: 14 Jul 2023 21:21

Tgt Ion:166 Resp: 3749

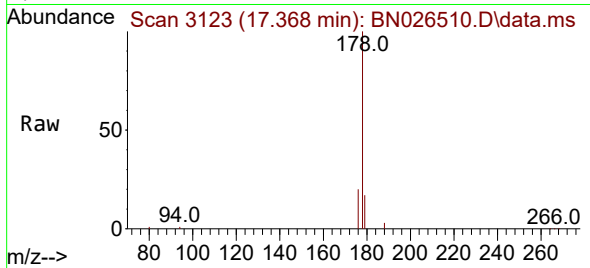
Ion	Ratio	Lower	Upper
166	100		
165	102.5	80.6	120.8
167	19.7	12.0	18.0





#15
Phenanthrene
Concen: 0.658 ng/ul
RT: 17.368 min Scan# 3126
Delta R.T. -0.013 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

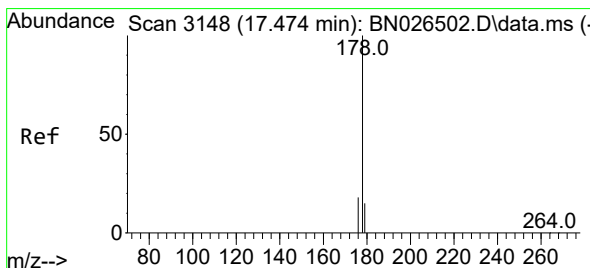
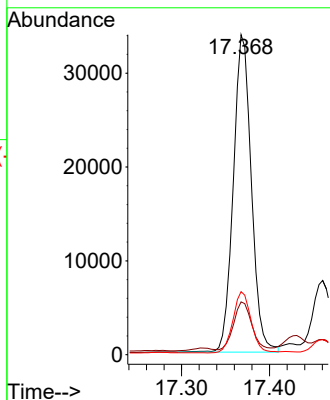
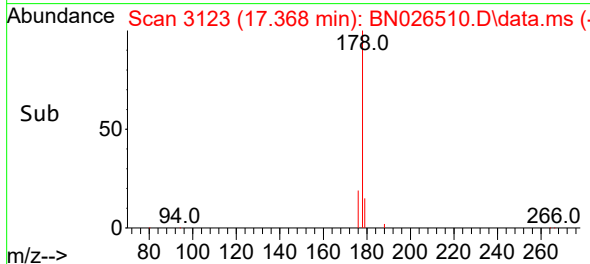
Instrument :
BNA_N
ClientSampleId :
A4634



Tgt Ion:178 Resp: 48219
Ion Ratio Lower Upper
178 100
179 16.5 13.7 20.5
176 19.7 16.5 24.7

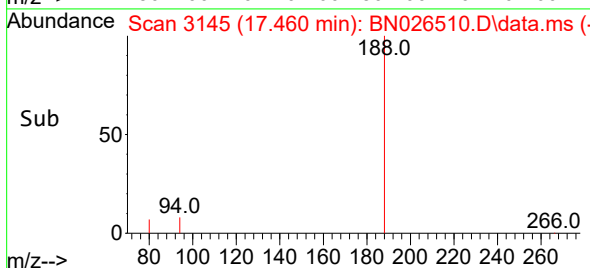
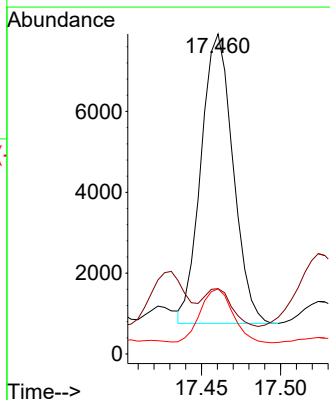
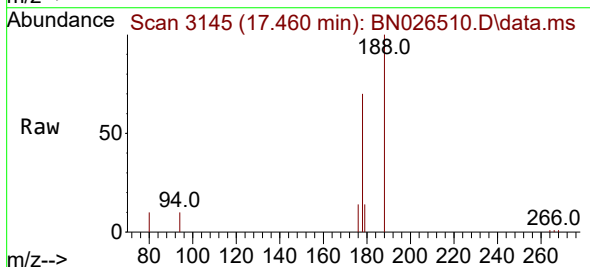
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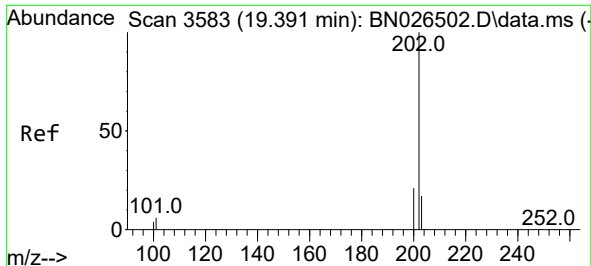
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#16
Anthracene
Concen: 0.158 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.013 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

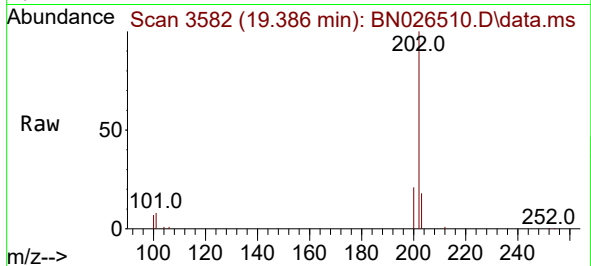
Tgt Ion:178 Resp: 10069
Ion Ratio Lower Upper
178 100
179 20.4 14.8 22.2
176 20.4 16.6 25.0





#19
Fluoranthene
Concen: 1.629 ng/ul
RT: 19.386 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

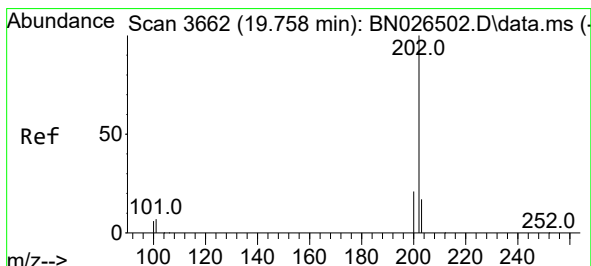
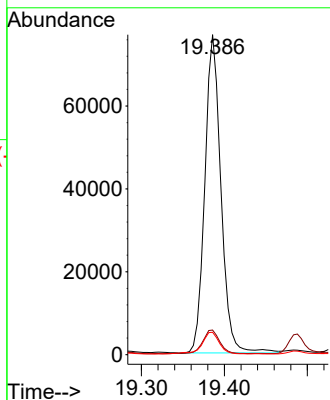
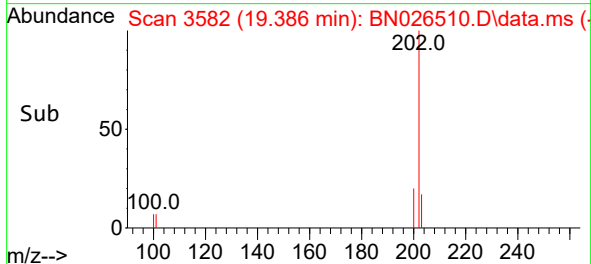
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Tgt Ion:202 Resp: 103769
Ion Ratio Lower Upper
202 100
101 7.7 7.0 10.4
100 7.0 6.0 9.0

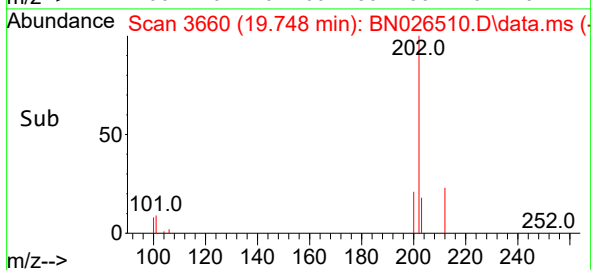
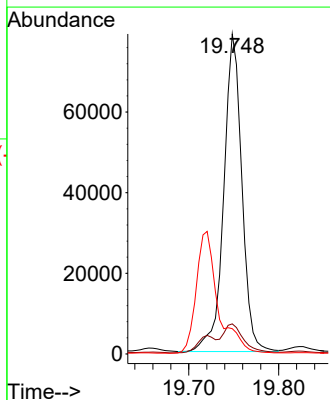
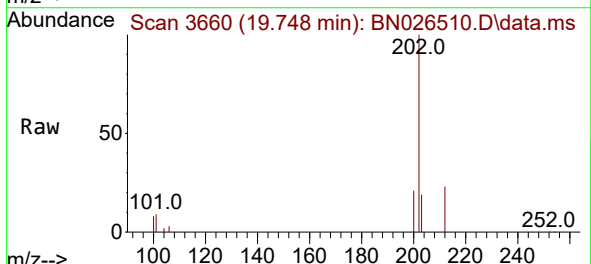
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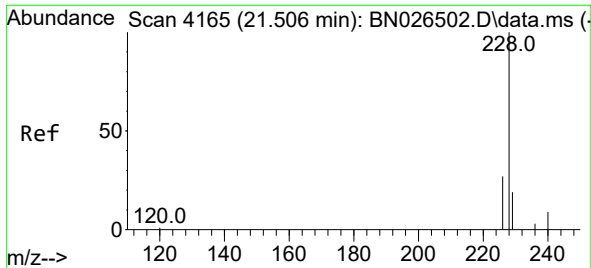
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#20
Pyrene
Concen: 1.592 ng/ul
RT: 19.748 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

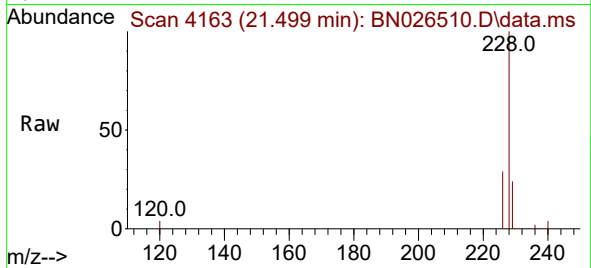
Tgt Ion:202 Resp: 110127
Ion Ratio Lower Upper
202 100
101 9.4 8.0 12.0
100 7.9 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.991 ng/ul
RT: 21.499 min Scan# 4163
Delta R.T. -0.007 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

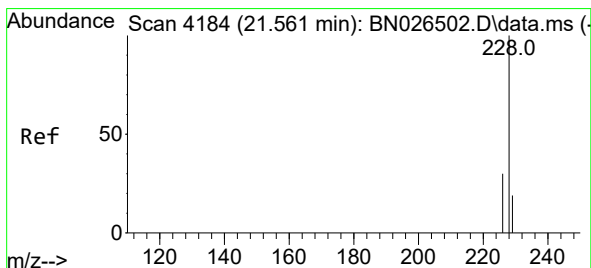
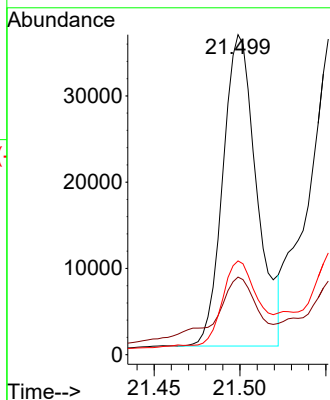
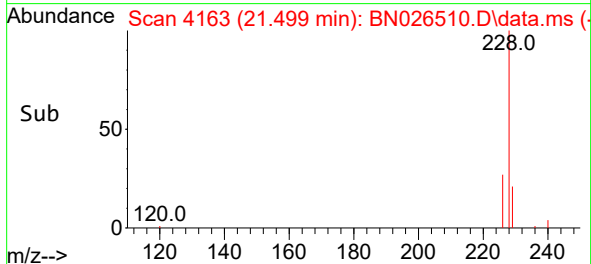
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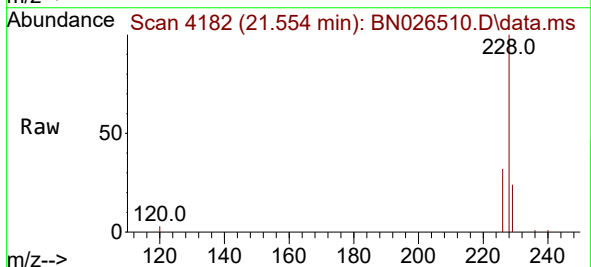
Tgt Ion:228 Resp: 4948
Ion Ratio Lower Upper
228 100
229 24.3 16.7 25.1
226 29.3 23.5 35.3

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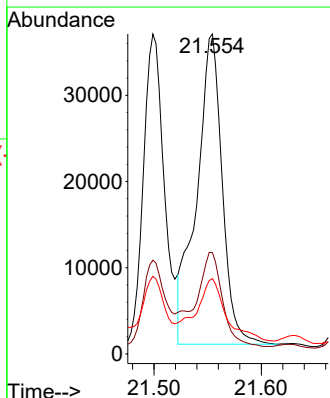
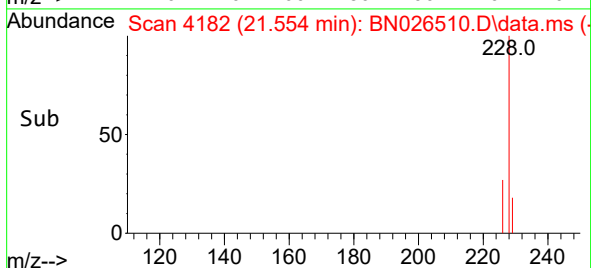
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

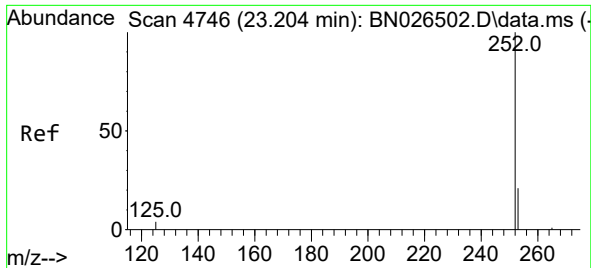


#22
Chrysene
Concen: 1.051 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. -0.007 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21



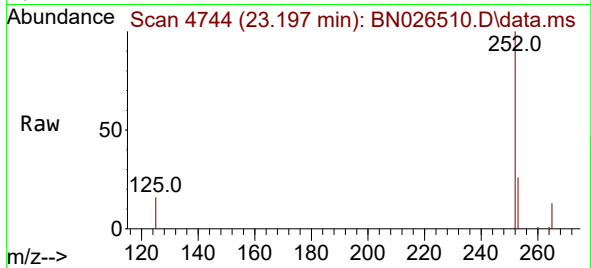
Tgt Ion:228 Resp: 59737
Ion Ratio Lower Upper
228 100
226 31.7 25.2 37.8
229 23.5 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 1.136 ng/ul m
RT: 23.197 min Scan# 4744
Delta R.T. -0.007 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

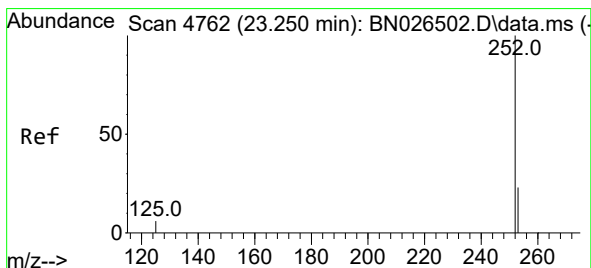
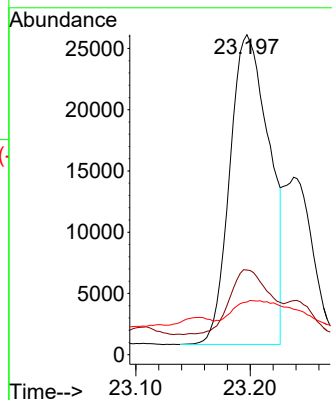
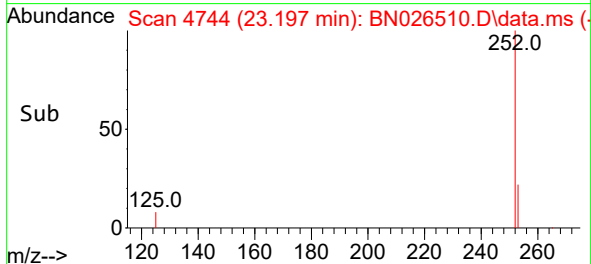
Instrument :
BNA_N
ClientSampleId :
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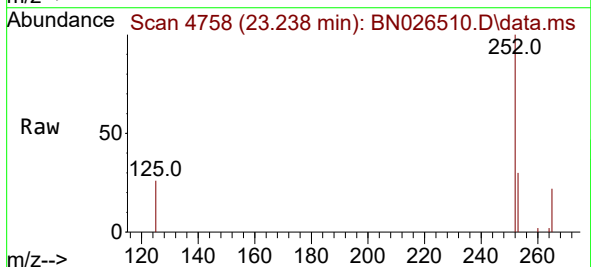
Tgt Ion:252 Resp: 6050
Ion Ratio Lower Upper
252 100
253 26.5 0.0 68.6
125 16.5 0.0 34.0

Manual Integrations
APPROVED

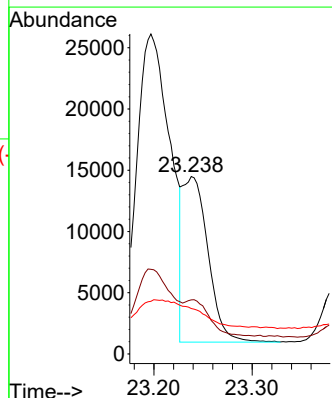
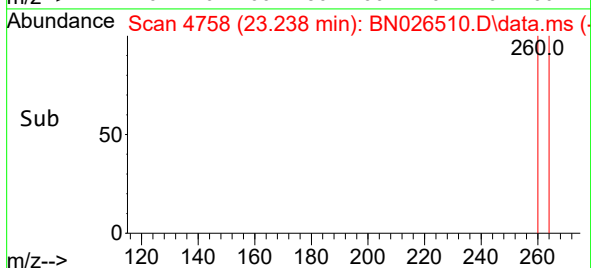
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

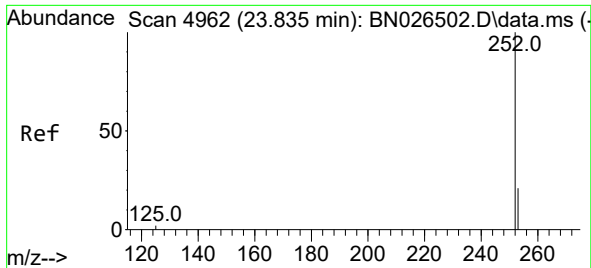


#25
Benzo(k)fluoranthene
Concen: 0.432 ng/ul m
RT: 23.238 min Scan# 4758
Delta R.T. -0.013 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21



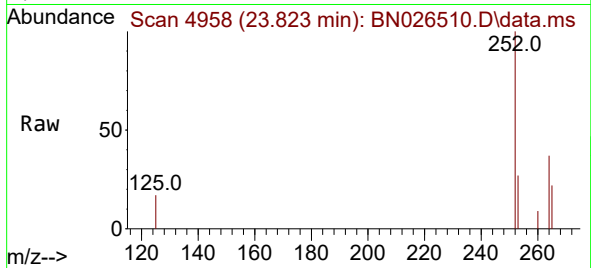
Tgt Ion:252 Resp: 24135
Ion Ratio Lower Upper
252 100
253 30.4 27.2 40.8
125 25.6 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.910 ng/ul
RT: 23.823 min Scan# 4958
Delta R.T. -0.013 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21

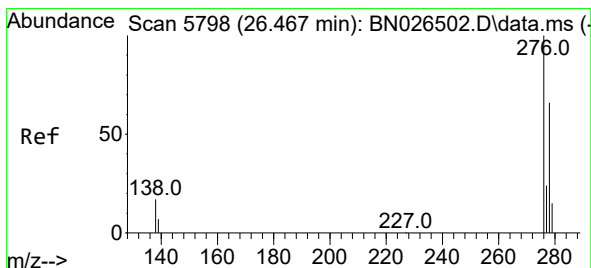
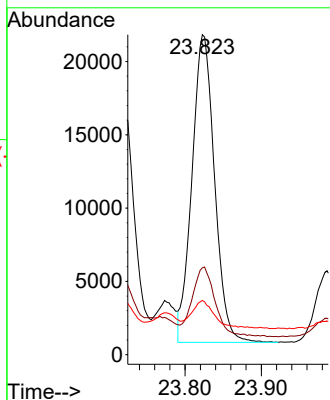
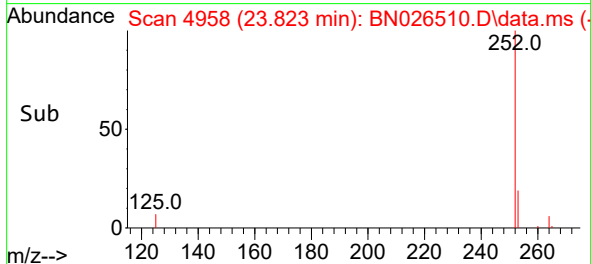
Instrument :
BNA_N
ClientSampleId :
A4634



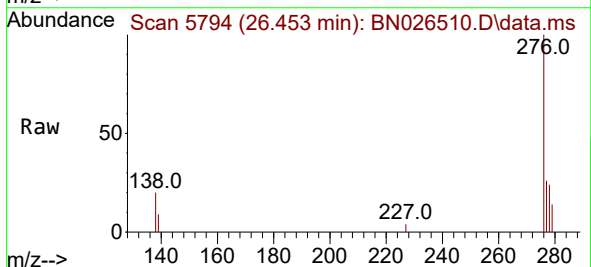
Tgt Ion:252 Resp: 43139
Ion Ratio Lower Upper
252 100
253 27.1 32.6 49.0#
125 16.9 19.3 28.9#

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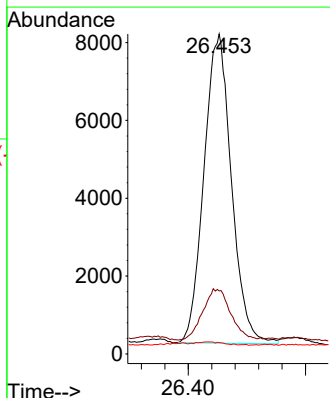
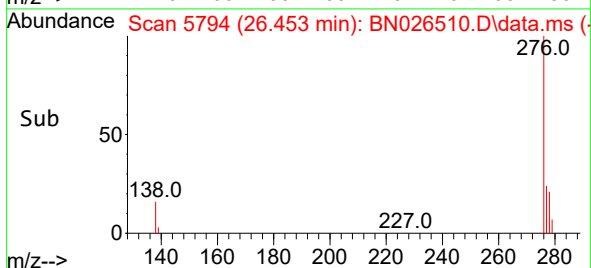
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

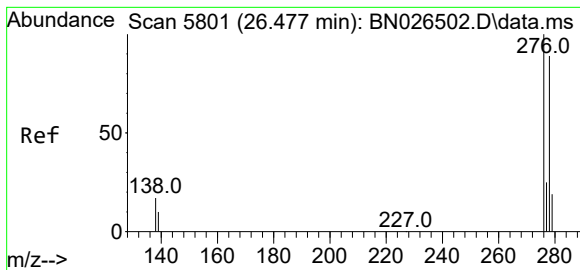


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng/ul
RT: 26.453 min Scan# 5794
Delta R.T. -0.014 min
Lab File: BN026510.D
Acq: 14 Jul 2023 21:21



Tgt Ion:276 Resp: 25813
Ion Ratio Lower Upper
276 100
138 17.7 22.2 33.4#
227 0.9 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.134 ng/ul

RT: 26.453 min Scan# 51

Delta R.T. -0.024 min

Lab File: BN026510.D

Acq: 14 Jul 2023 21:21

Instrument :

BNA_N

ClientSampleId :

A4634

Tgt Ion:278 Resp: 641

Ion Ratio Lower Upper

278 100

139 38.8 18.9 28.3

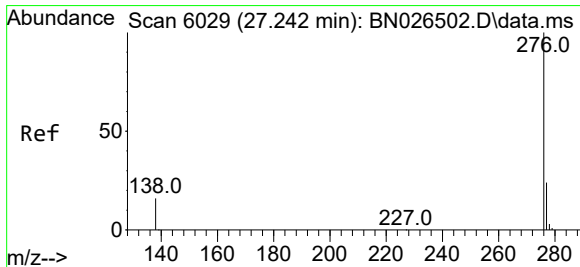
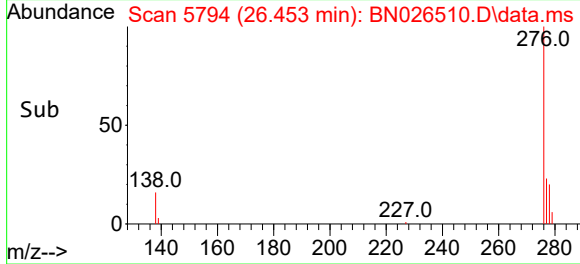
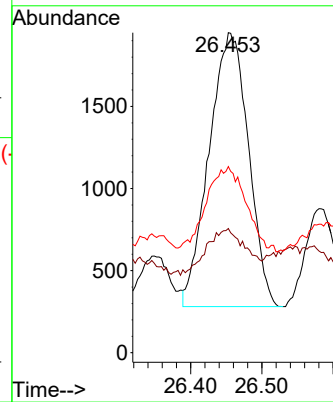
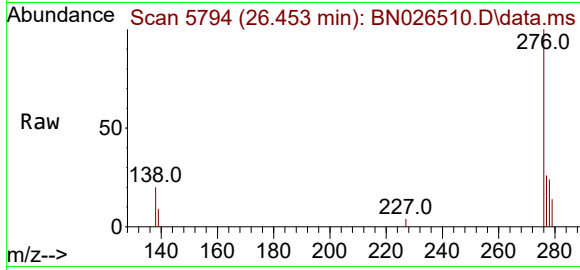
279 58.2 31.3 46.9

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Reviewed By :Jagrut Upadhyay 07/15/2023

Supervised By :mohammad ahmed 07/17/2023



#29

Benzo(g,h,i)perylene

Concen: 0.501 ng/ul

RT: 27.231 min Scan# 6026

Delta R.T. -0.011 min

Lab File: BN026510.D

Acq: 14 Jul 2023 21:21

Tgt Ion:276 Resp: 27466

Ion Ratio Lower Upper

276 100

138 20.0 22.6 34.0

277 26.4 21.8 32.8

