

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
 Data File : BN026700.D
 Acq On : 24 Jul 2023 06:27
 Operator : MA/JU
 Sample : 03504-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 24 07:07:24 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 : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	5487	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.619	136	20534	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.462	164	13529	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	25464	0.400	ng/ul	0.00
17) Chrysene-d12	21.411	240	15189	0.400	ng/ul	0.00
23) Perylene-d12	23.778	264	21101	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	5013	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.209	152	5549	0.199	ng/ul	-0.01
18) Fluoranthene-d10	19.246	212	11175	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.669	128	620133	10.998	ng/ul	96
7) 2-Methylnaphthalene	12.286	142	273701	8.555	ng/ul	100
8) 1-Methylnaphthalene	12.506	142	182756	5.333	ng/ul	100
10) Acenaphthylene	14.185	152	19491	0.294	ng/ul#	72
11) Acenaphthene	14.527	153	943286	18.689	ng/ul	97
12) Fluorene	15.512	166	1132659	21.391	ng/ul	98
15) Phenanthrene	17.266	178	9492494	117.050	ng/ul	99
16) Anthracene	17.350	178	2564250	36.436	ng/ul	95
19) Fluoranthene	19.283	202	7140036	100.286	ng/ul#	95
20) Pyrene	19.645	202	4363145	56.430	ng/ul	96
21) Benzo(a)anthracene	21.393	228	2312248	41.425	ng/ul	99
22) Chrysene	21.446	228	2020749	31.805	ng/ul	98
24) Benzo(b)fluoranthene	23.062	252	2052799m	24.971	ng/ul	
25) Benzo(k)fluoranthene	23.103	252	898686m	10.430	ng/ul	
26) Benzo(a)pyrene	23.673	252	856278	11.702	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.231	276	668283	6.967	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.234	278	270187m	3.671	ng/ul	
29) Benzo(g,h,i)perylene	26.985	276	42297	0.500	ng/ul#	92

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

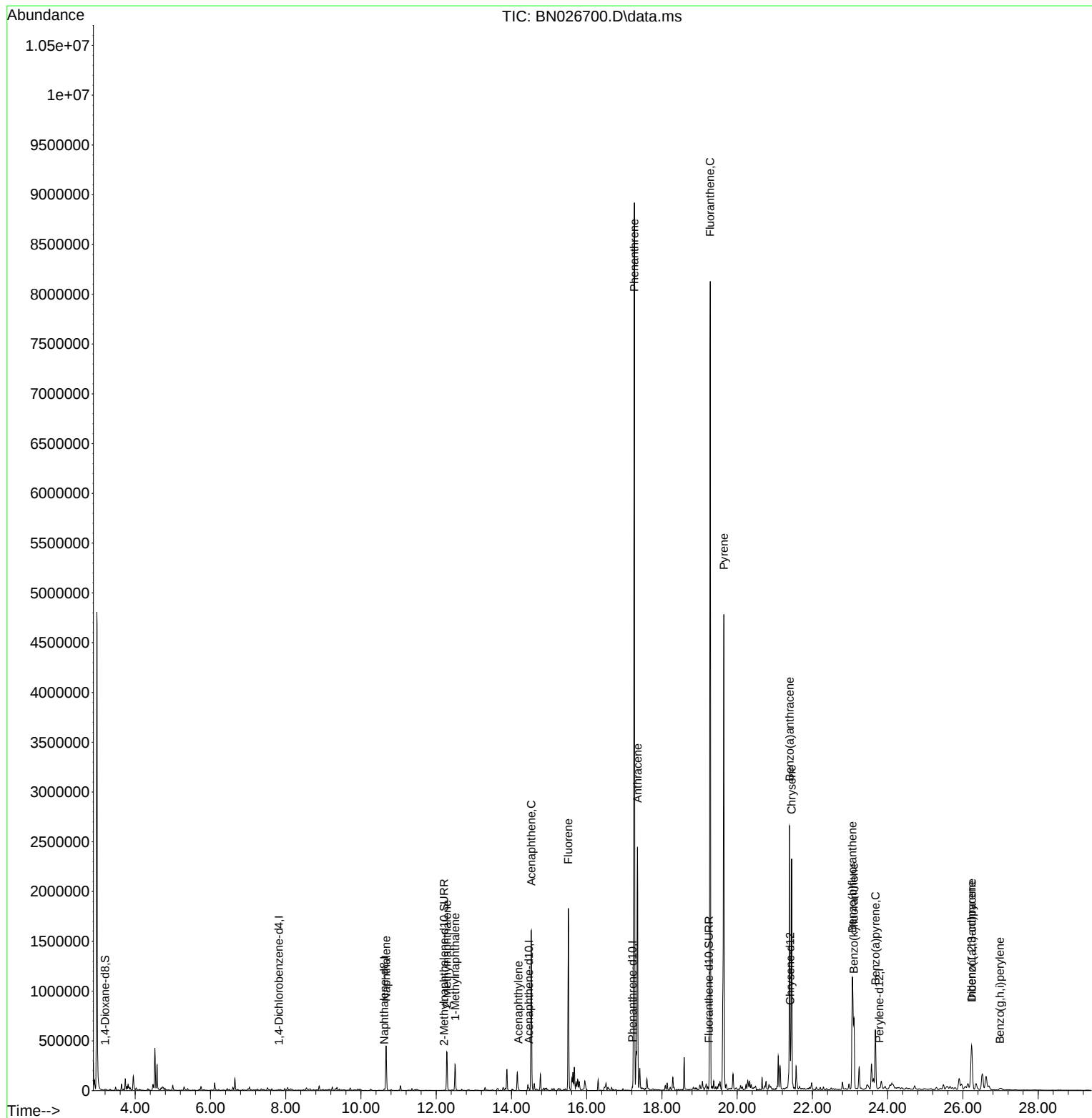
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026700.D
Acq On : 24 Jul 2023 06:27
Operator : MA/JU
Sample : 03504-11
Misc :
ALS Vial : 35 Sample Multiplier: 1

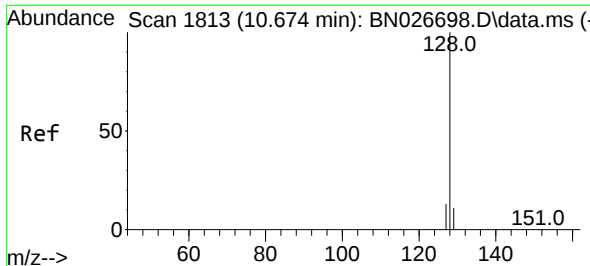
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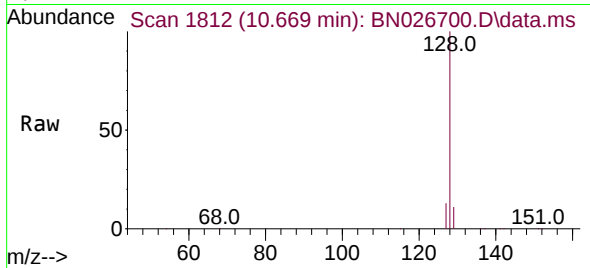
Quant Time: Jul 24 07:07:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 10.998 ng/ul
RT: 10.669 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

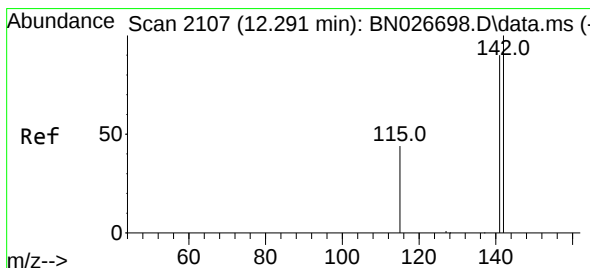
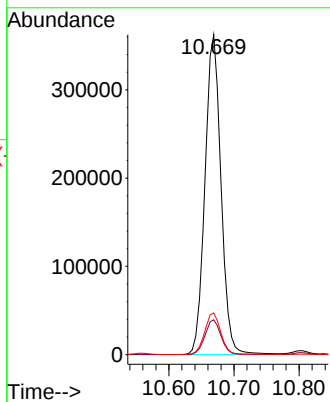
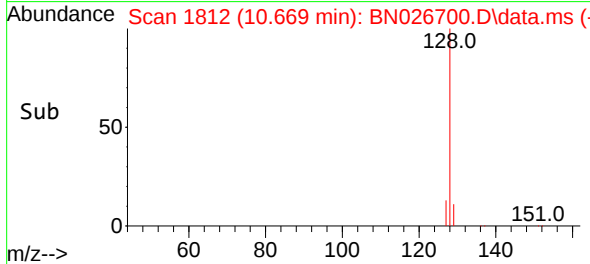
Instrument :
BNA_N
ClientSampleId :
A46W9



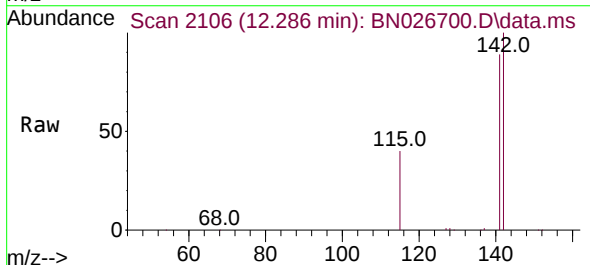
Tgt Ion:128 Resp: 62013
Ion Ratio Lower Upper
128 100
129 10.9 10.2 15.2
127 13.0 11.4 17.0

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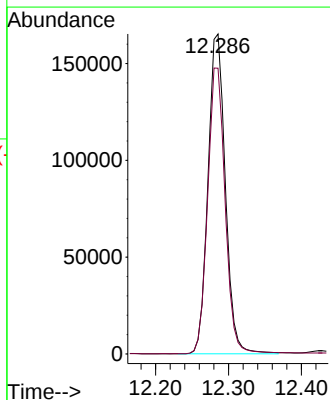
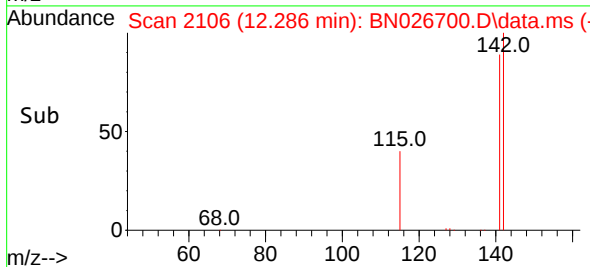
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

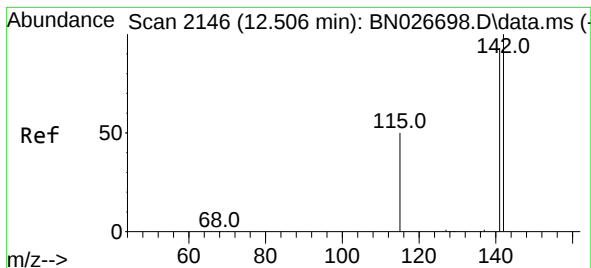


#7
2-Methylnaphthalene
Concen: 8.555 ng/ul
RT: 12.286 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27



Tgt Ion:142 Resp: 273701
Ion Ratio Lower Upper
142 100
141 90.2 72.3 108.5





#8

1-Methylnaphthalene

Concen: 5.333 ng/ul

RT: 12.506 min Scan# 2146

Delta R.T. -0.006 min

Lab File: BN026700.D

Acq: 24 Jul 2023 06:27

Instrument :

BNA_N

ClientSampleId :

A46W9

Tgt Ion:142 Resp: 182750

Ion Ratio Lower Upper

142 100

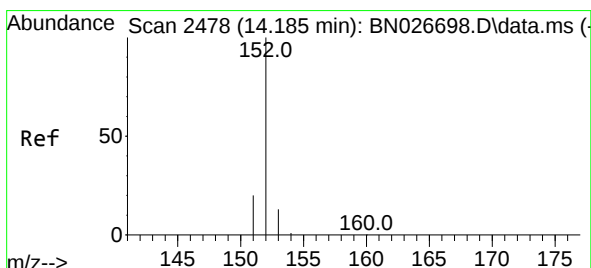
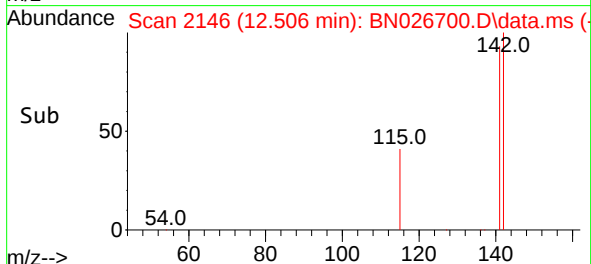
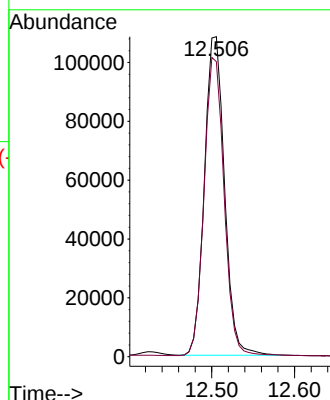
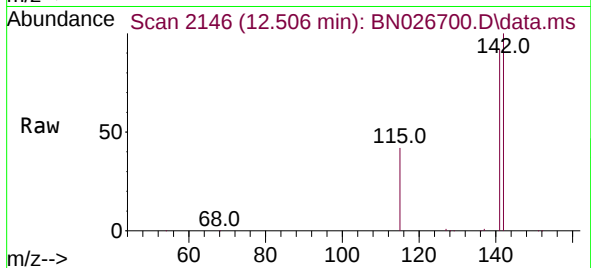
141 93.0 74.5 111.7

Manual Integrations

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#10

Acenaphthylene

Concen: 0.294 ng/ul

RT: 14.185 min Scan# 2478

Delta R.T. -0.005 min

Lab File: BN026700.D

Acq: 24 Jul 2023 06:27

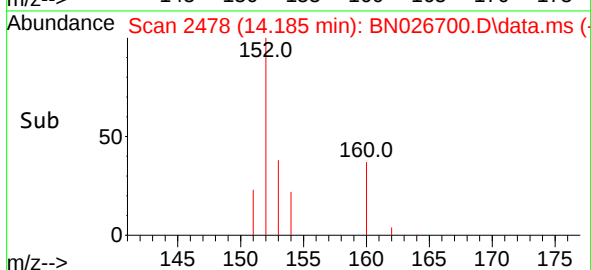
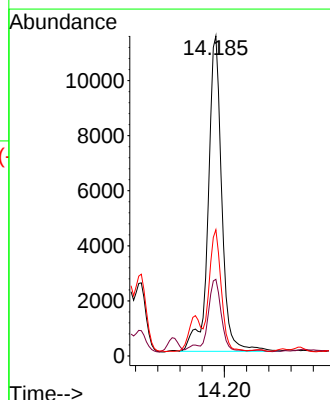
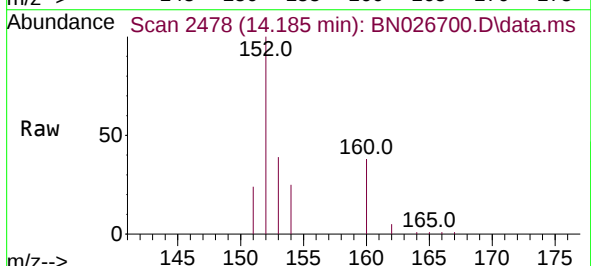
Tgt Ion:152 Resp: 19491

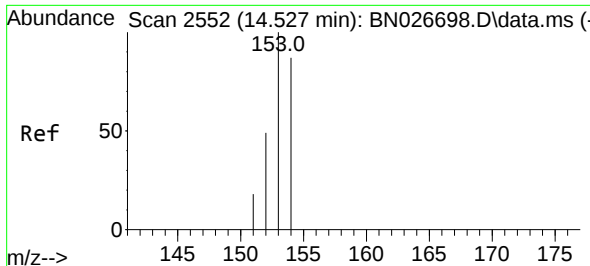
Ion Ratio Lower Upper

152 100

151 23.9 17.0 25.6

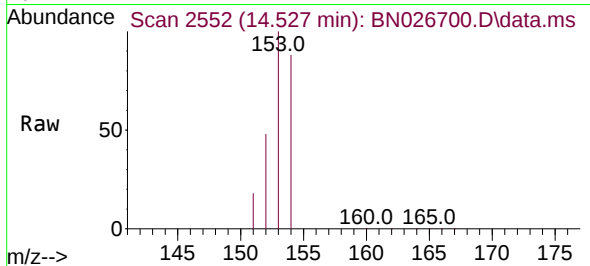
153 39.4 11.4 17.2#





#11
Acenaphthene
Concen: 18.689 ng/ul
RT: 14.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

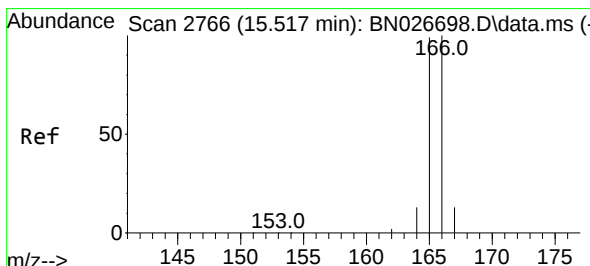
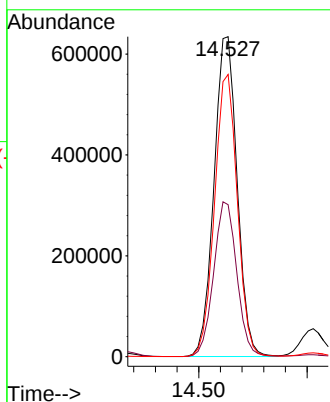
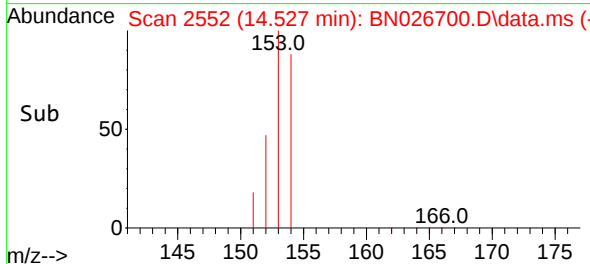
Instrument :
BNA_N
ClientSampleId :
A46W9



Tgt Ion:153 Resp: 943280
Ion Ratio Lower Upper
153 100
152 47.5 40.2 60.4
154 88.2 69.3 103.9

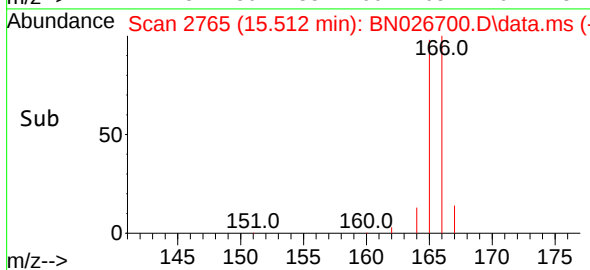
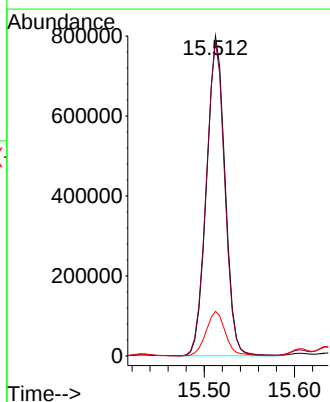
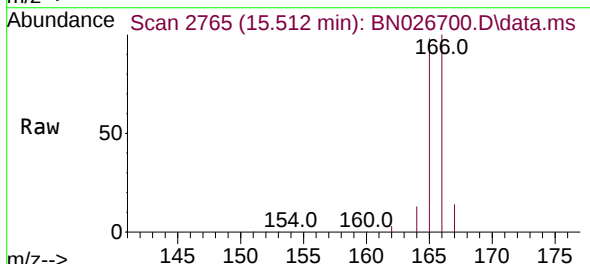
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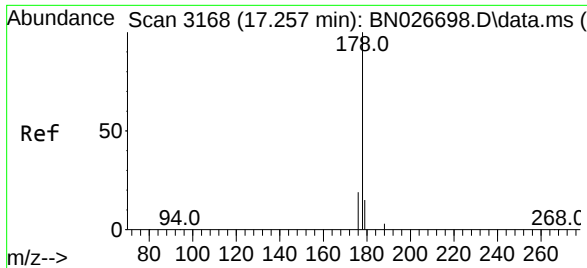
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#12
Fluorene
Concen: 21.391 ng/ul
RT: 15.512 min Scan# 2765
Delta R.T. -0.005 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

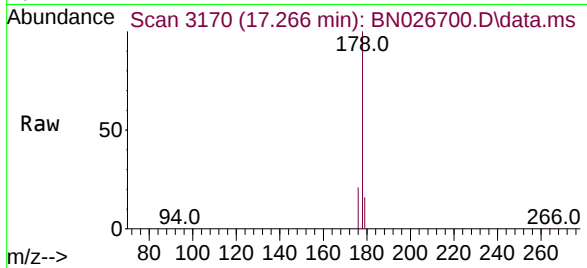
Tgt Ion:166 Resp: 1132659
Ion Ratio Lower Upper
166 100
165 98.4 80.6 120.8
167 13.9 12.0 18.0





#15
Phenanthrene
Concen: 117.050 ng/u1
RT: 17.266 min Scan# 3168
Delta R.T. 0.008 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

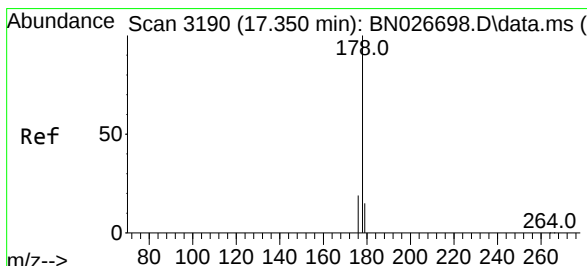
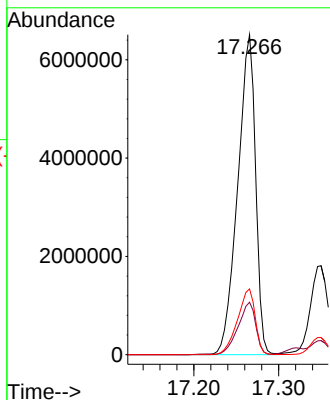
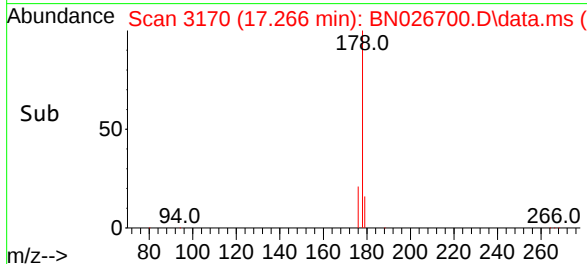
Instrument :
BNA_N
ClientSampleId :
A46W9



Tgt Ion:178 Resp: 9492494
Ion Ratio Lower Upper
178 100
179 16.4 13.7 20.5
176 20.5 16.5 24.7

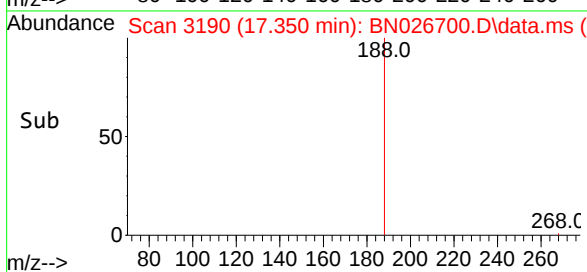
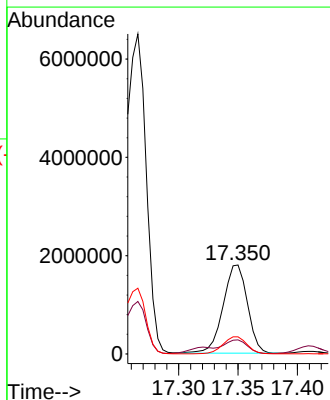
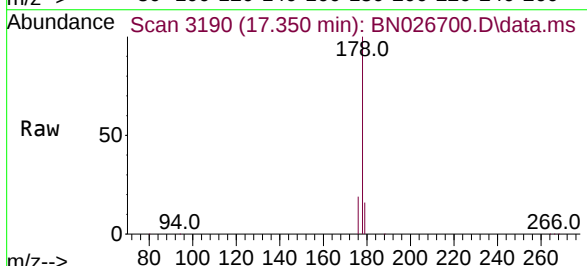
Manual Integrations
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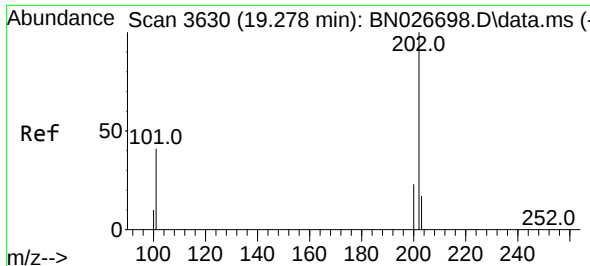
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#16
Anthracene
Concen: 36.436 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

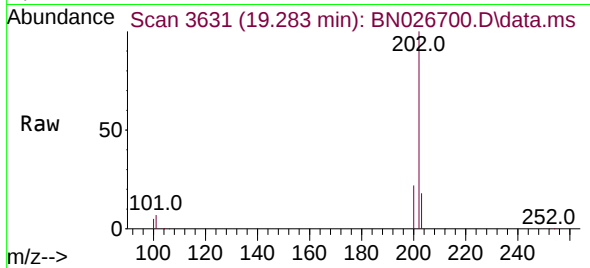
Tgt Ion:178 Resp: 2564250
Ion Ratio Lower Upper
178 100
179 15.8 14.8 22.2
176 19.3 16.6 25.0





#19
Fluoranthene
Concen: 100.286 ng/u1
RT: 19.283 min Scan# 3631
Delta R.T. 0.005 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

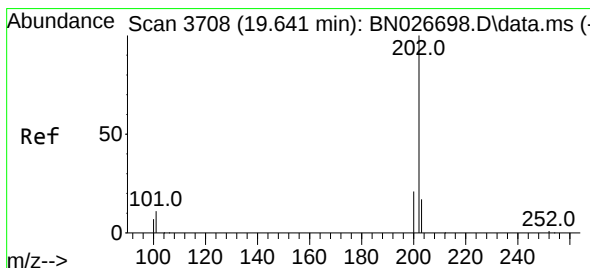
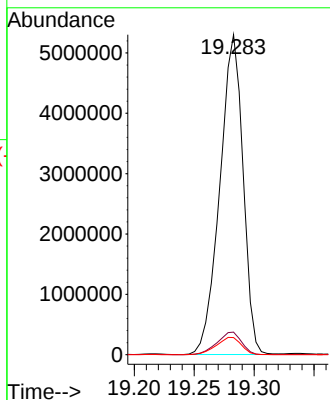
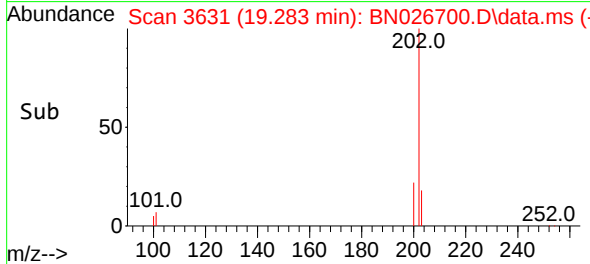
Instrument :
BNA_N
ClientSampleId :
A46W9



Tgt Ion:202 Resp: 7140030
Ion Ratio Lower Upper
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101 7.1 7.0 10.4
100 5.4 6.0 9.0

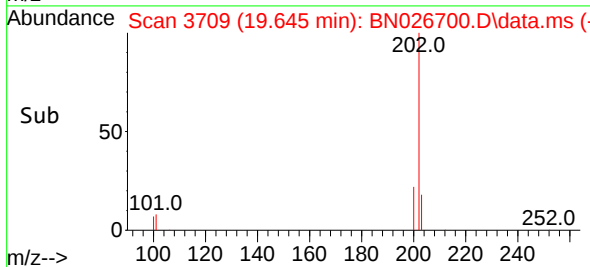
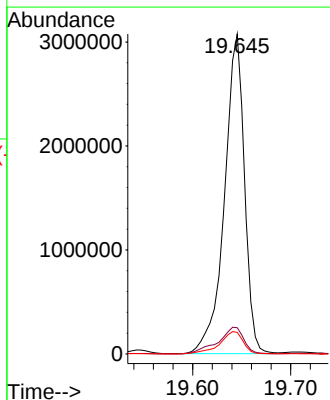
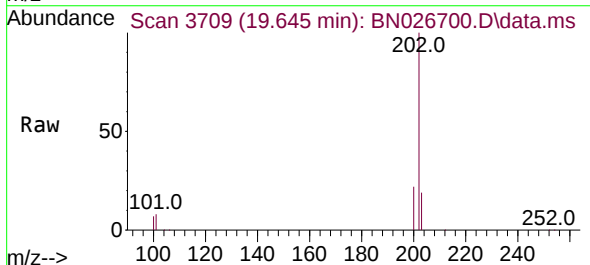
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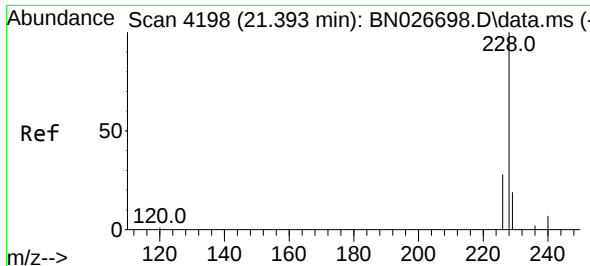
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 56.430 ng/u1
RT: 19.645 min Scan# 3709
Delta R.T. -0.000 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

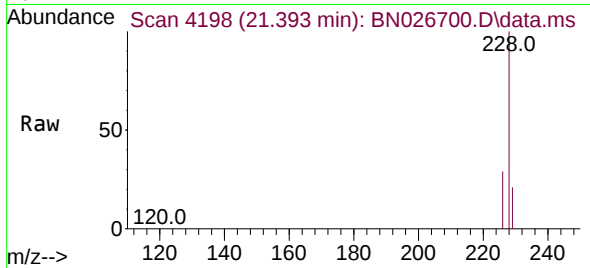
Tgt Ion:202 Resp: 4363145
Ion Ratio Lower Upper
202 100
101 8.2 8.0 12.0
100 6.7 6.2 9.2





#21
Benzo(a)anthracene
Concen: 41.425 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

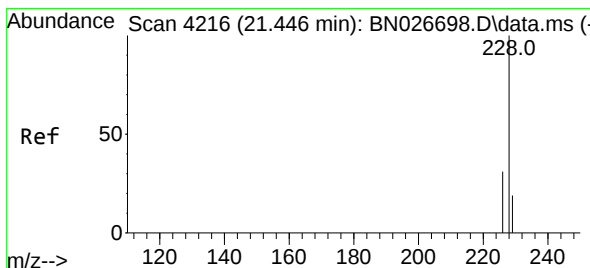
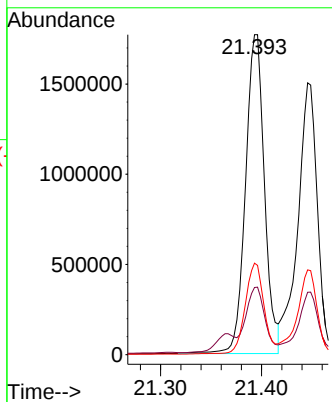
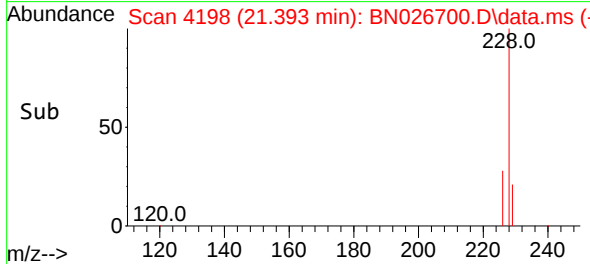
Instrument :
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Tgt Ion:228 Resp: 231224
Ion Ratio Lower Upper
228 100
229 21.0 16.7 25.1
226 28.6 23.5 35.3

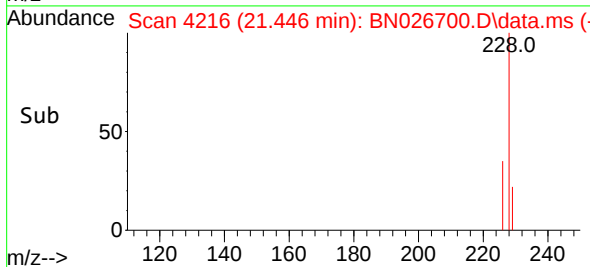
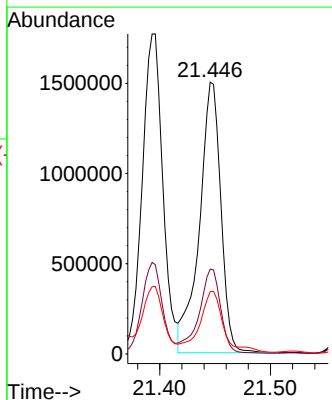
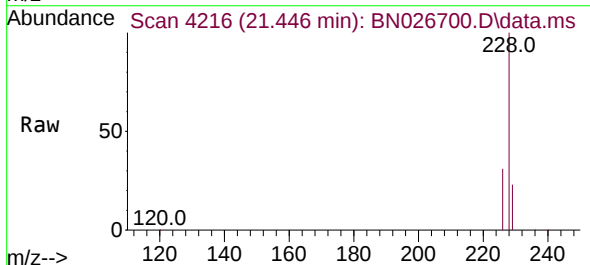
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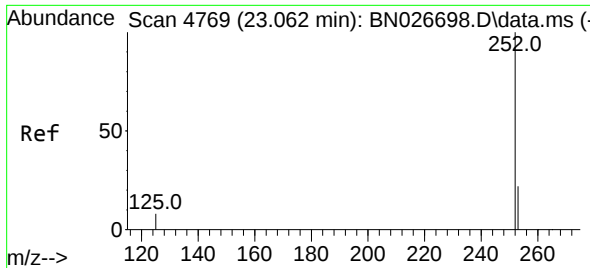
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#22
Chrysene
Concen: 31.805 ng/ul
RT: 21.446 min Scan# 4216
Delta R.T. -0.009 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

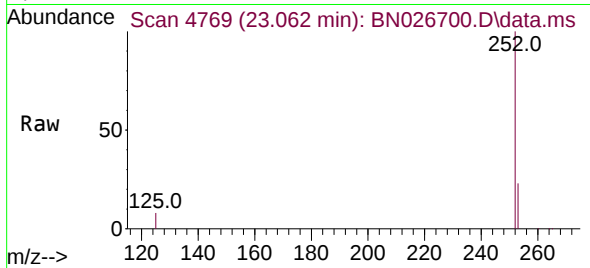
Tgt Ion:228 Resp: 2020749
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 23.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 24.971 ng/ul m
RT: 23.062 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

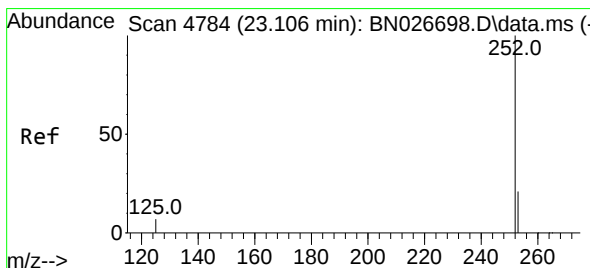
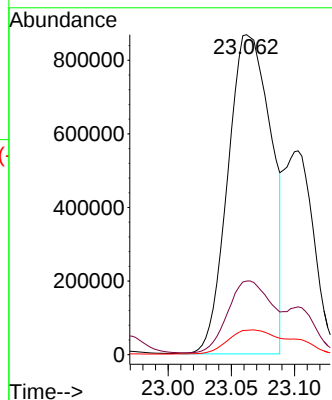
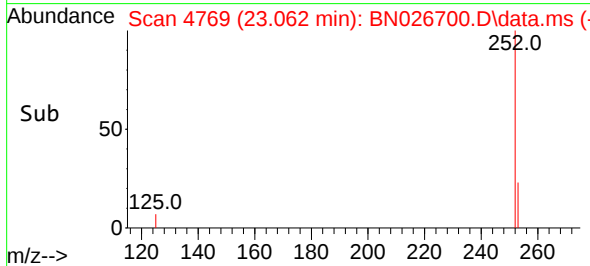
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 2052799
Ion Ratio Lower Upper
252 100
253 23.0 0.0 68.6
125 7.6 0.0 34.0

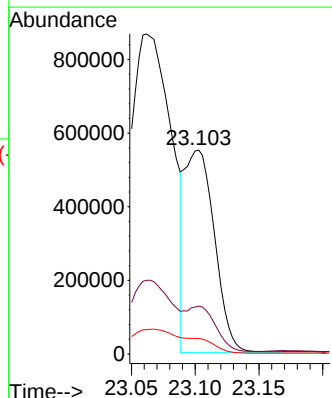
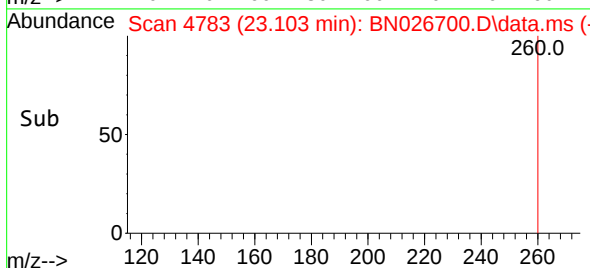
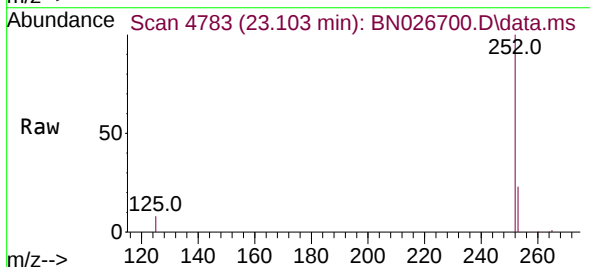
Manual Integrations
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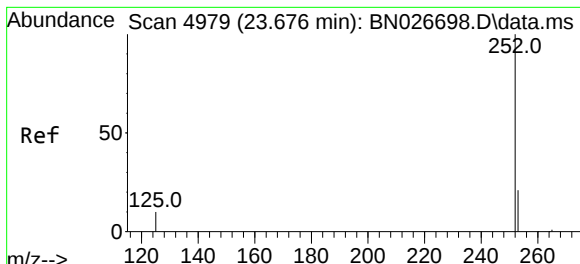
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 10.430 ng/ul m
RT: 23.103 min Scan# 4783
Delta R.T. -0.012 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

Tgt Ion:252 Resp: 898686
Ion Ratio Lower Upper
252 100
253 23.5 27.2 40.8#
125 7.6 13.4 20.2#



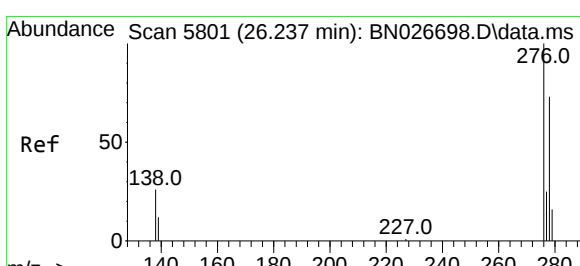
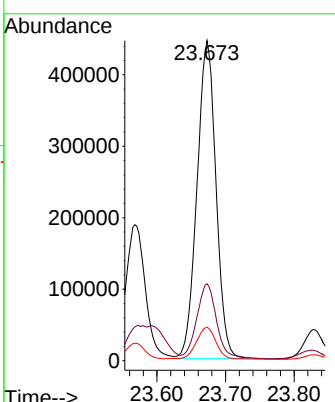
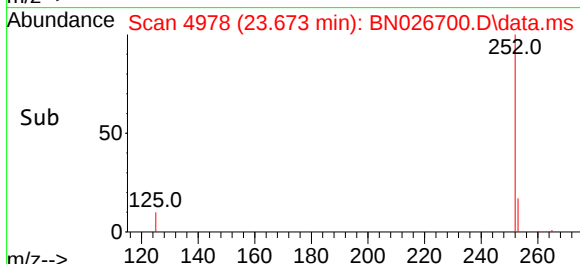
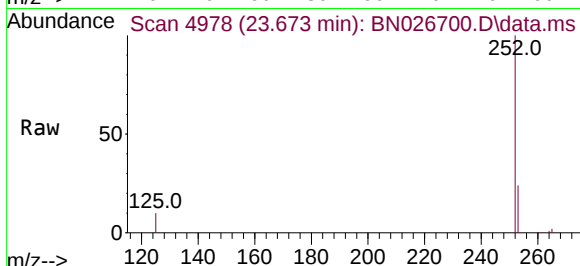


#26
 Benzo(a)pyrene
 Concen: 11.702 ng/ul
 RT: 23.673 min Scan# 4978
 Delta R.T. -0.012 min
 Lab File: BN026700.D
 Acq: 24 Jul 2023 06:27

Instrument : BNA_N
 ClientSampleId : A46W9

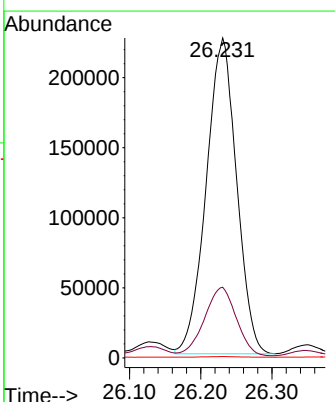
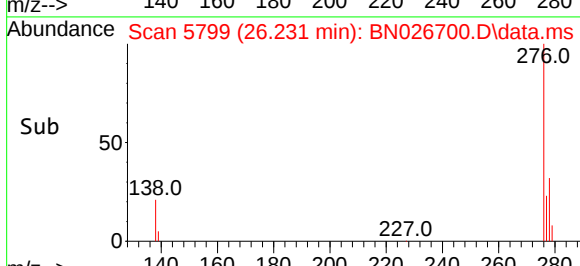
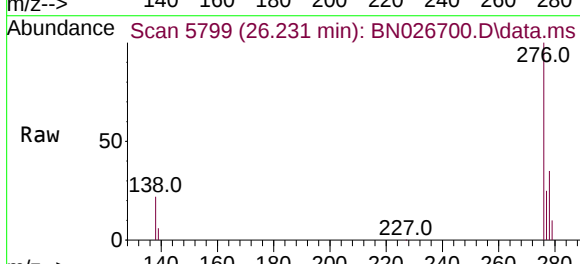
Tgt Ion:	252	Resp:	856278
Ion Ratio	Lower	Upper	
252	100		
253	24.0	32.6	49.0
125	10.5	19.3	28.9

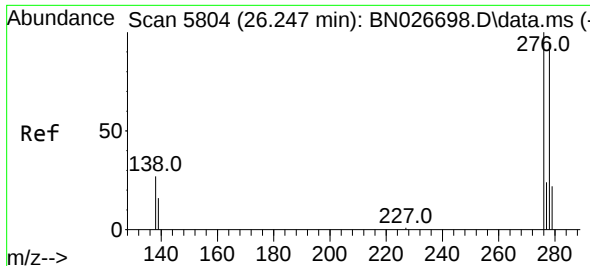
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 Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 6.967 ng/ul
 RT: 26.231 min Scan# 5799
 Delta R.T. -0.020 min
 Lab File: BN026700.D
 Acq: 24 Jul 2023 06:27

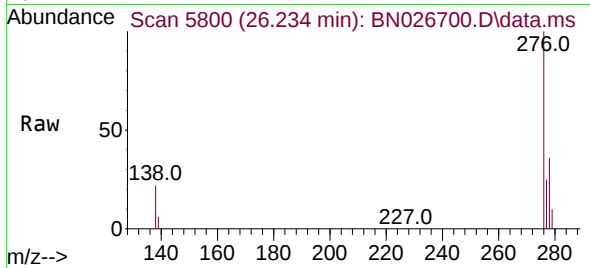
Tgt Ion:	276	Resp:	668283
Ion Ratio	Lower	Upper	
276	100		
138	22.6	22.2	33.4
227	0.2	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 3.671 ng/ul m
RT: 26.234 min Scan# 5804
Delta R.T. -0.024 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27

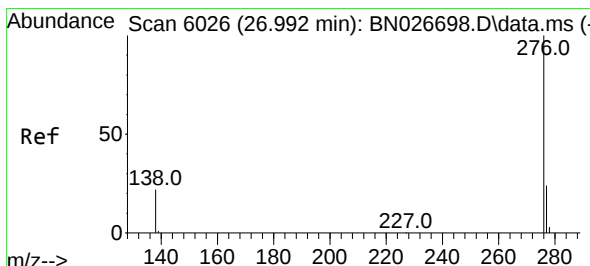
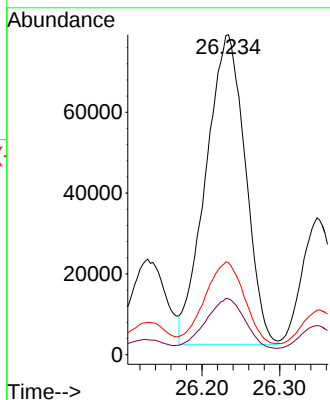
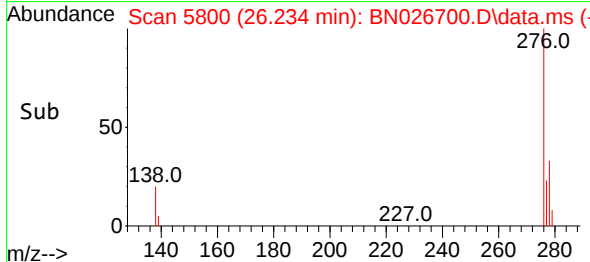
Instrument :
BNA_N
ClientSampleId :
A46W9



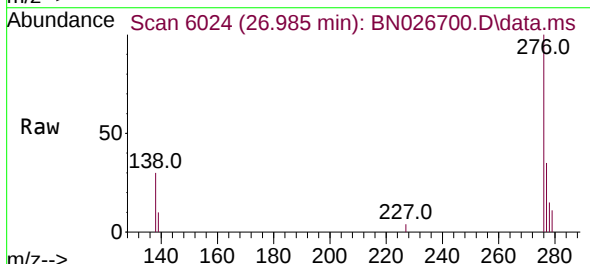
Tgt Ion:278 Resp: 27018
Ion Ratio Lower Upper
278 100
139 17.5 18.9 28.3
279 28.8 31.3 46.9

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Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#29
Benzo(g,h,i)perylene
Concen: 0.500 ng/ul
RT: 26.985 min Scan# 6024
Delta R.T. -0.017 min
Lab File: BN026700.D
Acq: 24 Jul 2023 06:27



Tgt Ion:276 Resp: 42297
Ion Ratio Lower Upper
276 100
138 29.6 22.6 34.0
277 34.7 21.8 32.8

