

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026964.D
 Acq On : 18 Aug 2023 18:00
 Operator : MA/JU
 Sample : 03965-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 18 19:10:09 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6418	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	20942	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.730	164	12534	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	29427	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	25405	0.400	ng/ul	# 0.00
23) Perylene-d12	24.199	264	22719	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	22630	2.970	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	6744	0.219	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	16844	0.210	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.982	128	20374	0.344	ng/ul	99
7) 2-Methylnaphthalene	12.577	142	10065	0.281	ng/ul	99
8) 1-Methylnaphthalene	12.791	142	7264	0.194	ng/ul	100
10) Acenaphthylene	14.458	152	42413	0.604	ng/ul	100
11) Acenaphthene	14.791	153	16125	0.332	ng/ul	98
12) Fluorene	15.776	166	18949	0.345	ng/ul	98
14) Pentachlorophenol	17.097	266	322	0.039	ng/ul	97
15) Phenanthrene	17.519	178	488964	5.058	ng/ul	99
16) Anthracene	17.607	178	83510	0.956	ng/ul	100
19) Fluoranthene	19.524	202	1145853	10.858	ng/ul	100
20) Pyrene	19.887	202	1025324m	9.106	ng/ul	
21) Benzo(a)anthracene	21.632	228	495939	4.908	ng/ul	99
22) Chrysene	21.691	228	568565	5.701	ng/ul	98
24) Benzo(b)fluoranthene	23.410	252	792155m	9.218	ng/ul	
25) Benzo(k)fluoranthene	23.453	252	249113m	2.939	ng/ul	
26) Benzo(a)pyrene	24.085	252	464920	5.996	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.891	276	298525	2.943	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.911	278	69265	0.857	ng/ul#	93
29) Benzo(g,h,i)perylene	27.736	276	275469	3.262	ng/ul	99

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

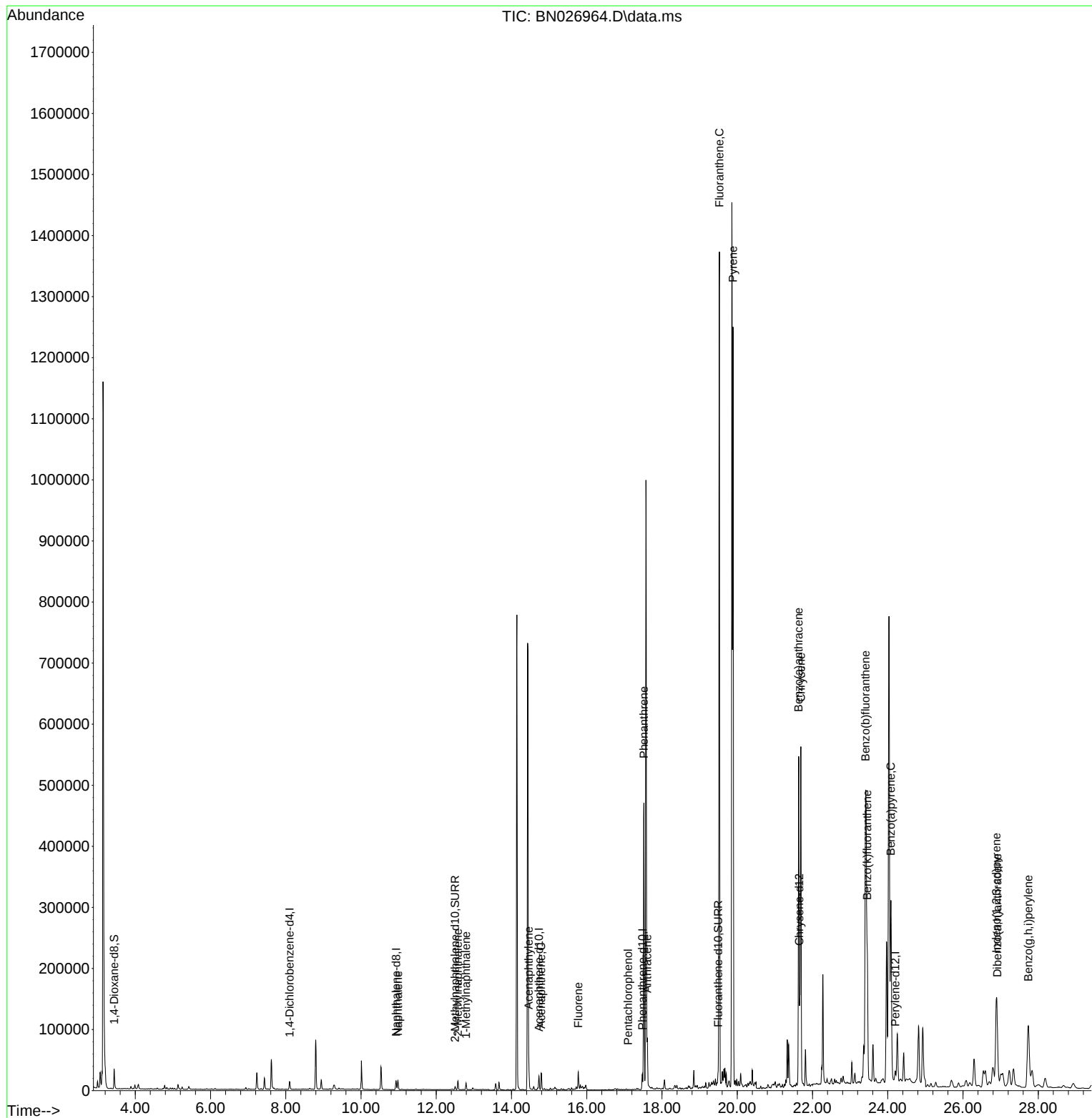
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026964.D
Acq On : 18 Aug 2023 18:00
Operator : MA/JU
Sample : 03965-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

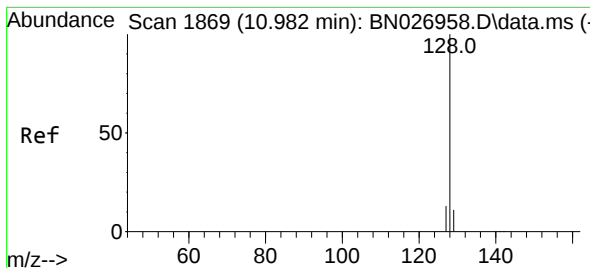
Instrument :
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A48H7

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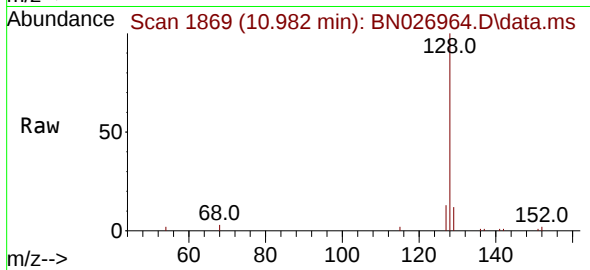
Quant Time: Aug 18 19:10:09 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

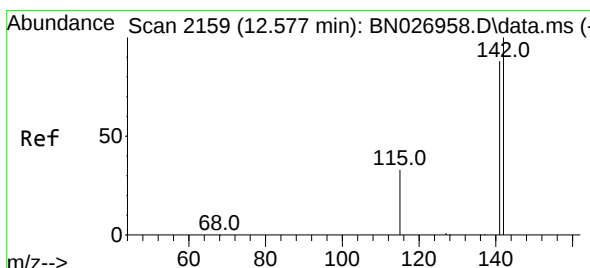
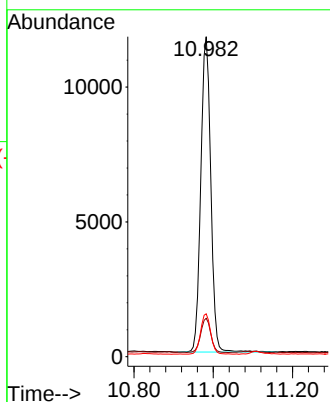
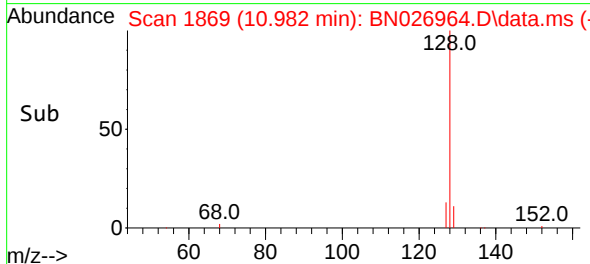
Instrument :
BNA_N
ClientSampleId :
A48H7



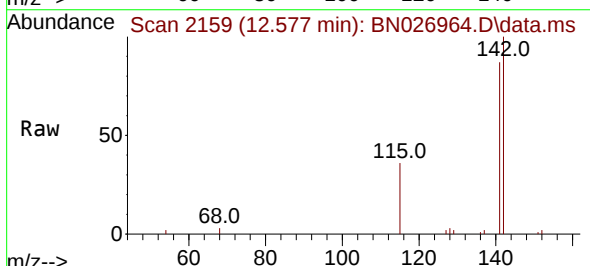
Tgt Ion:128 Resp: 20374
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.4 10.5 15.7

Manual Integrations
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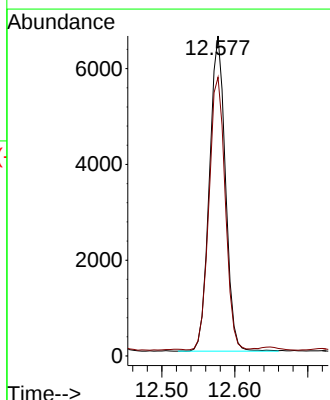
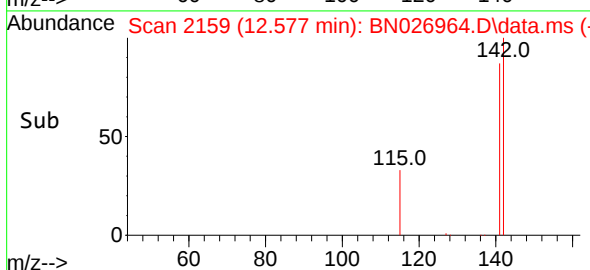
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

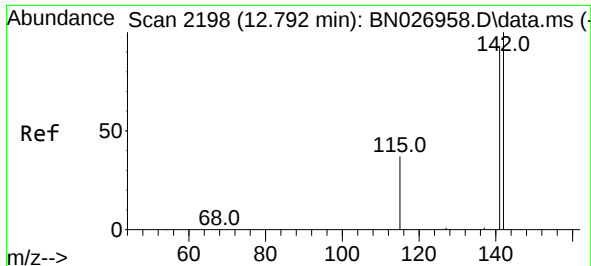


#7
2-Methylnaphthalene
Concen: 0.281 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00



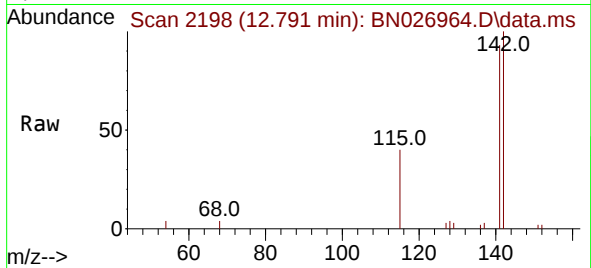
Tgt Ion:142 Resp: 10065
Ion Ratio Lower Upper
142 100
141 87.7 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.194 ng/ul
RT: 12.791 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

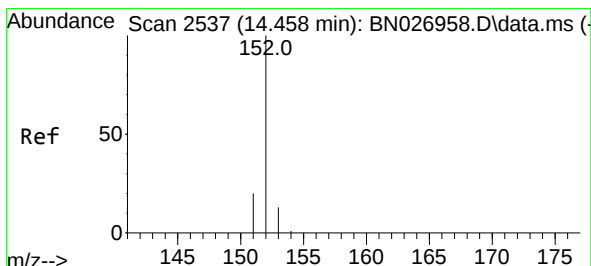
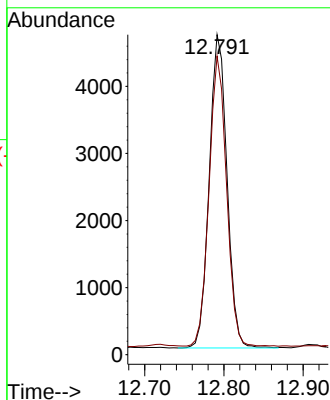
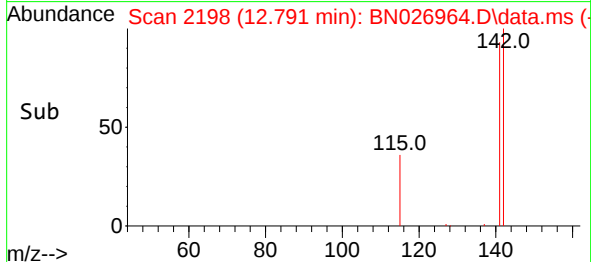
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 7264
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8

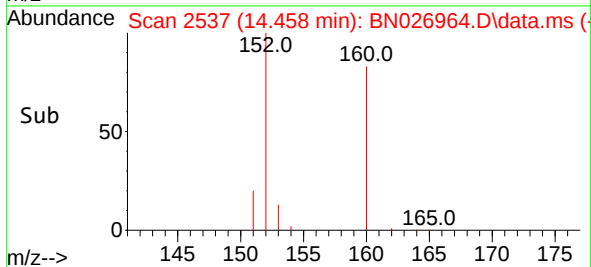
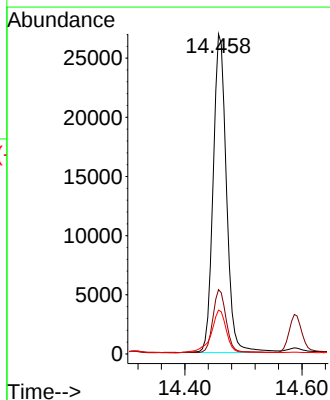
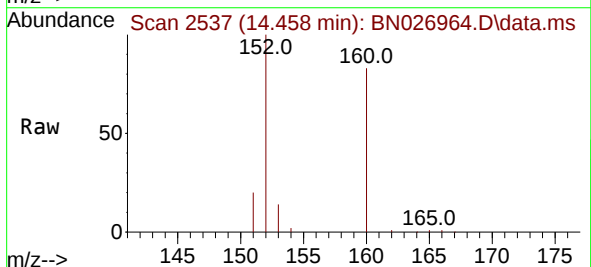
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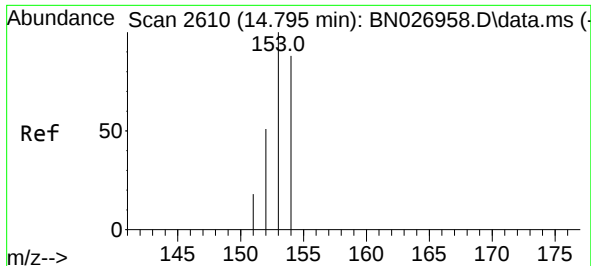
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#10
Acenaphthylene
Concen: 0.604 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

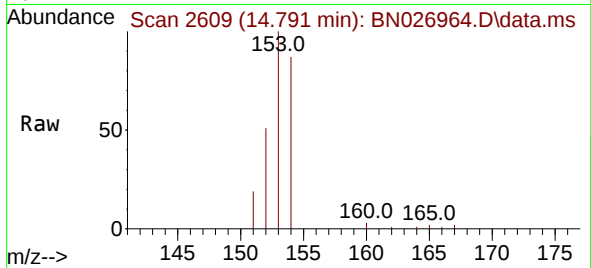
Tgt Ion:152 Resp: 42413
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.7 11.0 16.6





#11
Acenaphthene
Concen: 0.332 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

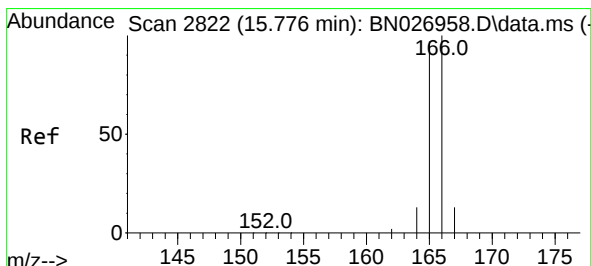
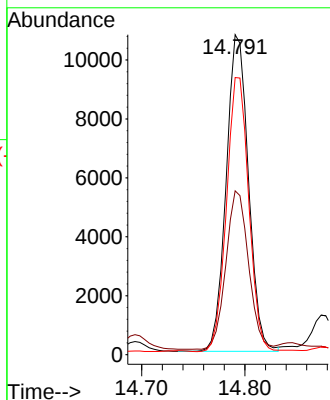
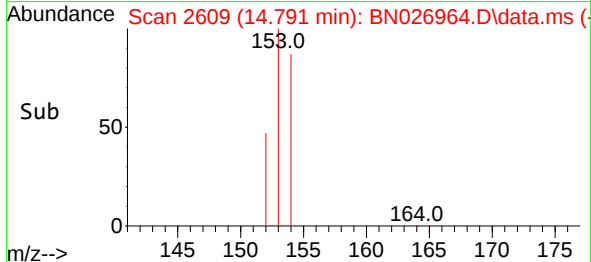
Instrument :
BNA_N
ClientSampleId :
A48H7



Tgt Ion:153 Resp: 16129
Ion Ratio Lower Upper
153 100
152 51.2 41.1 61.7
154 86.6 71.6 107.4

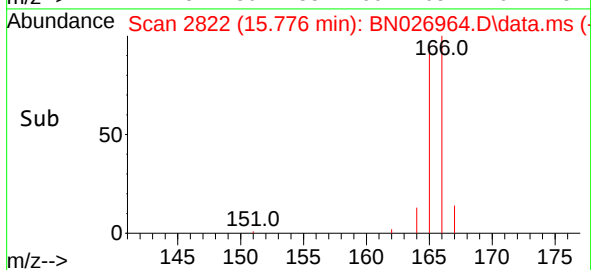
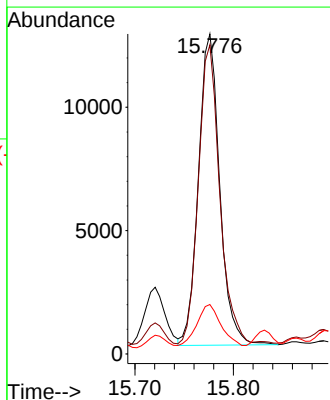
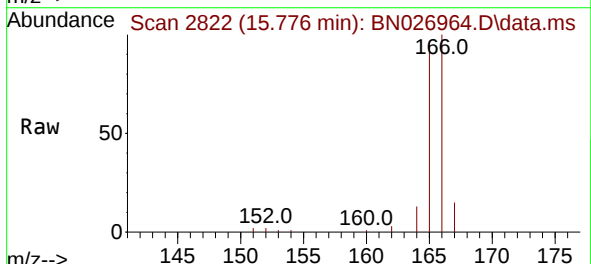
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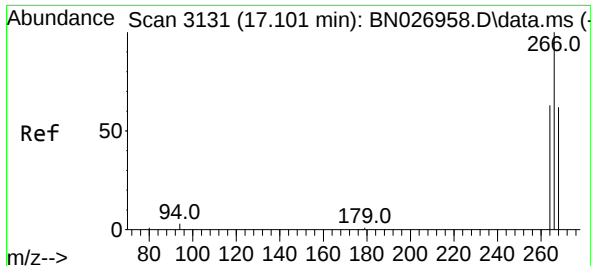
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#12
Fluorene
Concen: 0.345 ng/ul
RT: 15.776 min Scan# 2822
Delta R.T. 0.004 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

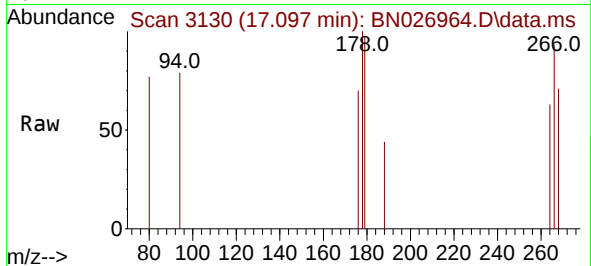
Tgt Ion:166 Resp: 18949
Ion Ratio Lower Upper
166 100
165 96.6 79.1 118.7
167 15.4 11.4 17.0





#14
 Pentachlorophenol
 Concen: 0.039 ng/u1
 RT: 17.097 min Scan# 3131
 Delta R.T. -0.004 min
 Lab File: BN026964.D
 Acq: 18 Aug 2023 18:00

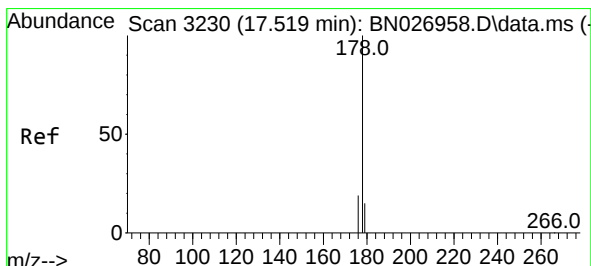
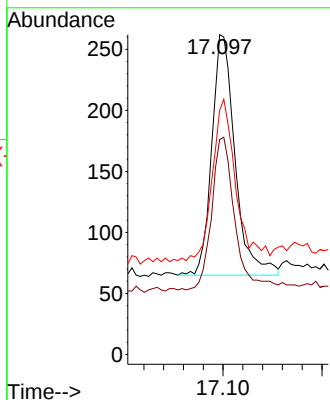
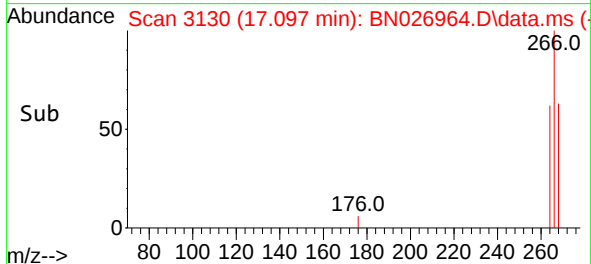
Instrument :
 BNA_N
 ClientSampleId :
 A48H7



Tgt Ion:266 Resp: 321
 Ion Ratio Lower Upper
 266 100
 264 64.3 50.4 75.6
 268 66.8 51.2 76.8

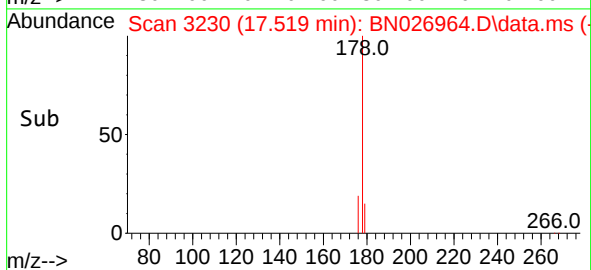
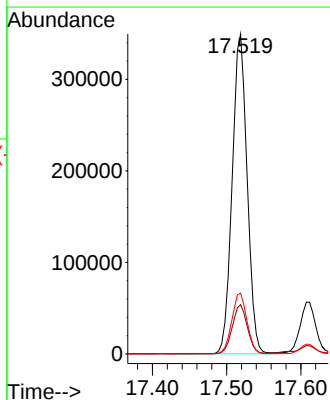
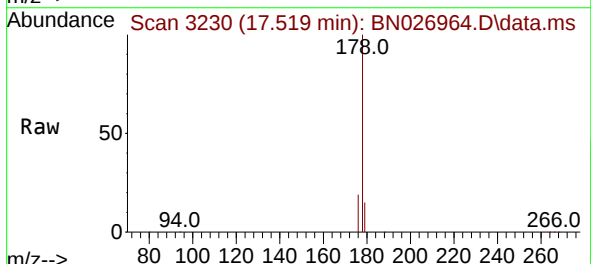
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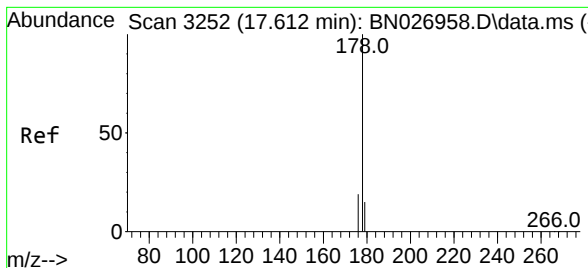
Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023



#15
 Phenanthrene
 Concen: 5.058 ng/u1
 RT: 17.519 min Scan# 3230
 Delta R.T. -0.000 min
 Lab File: BN026964.D
 Acq: 18 Aug 2023 18:00

Tgt Ion:178 Resp: 488964
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.6 18.8
 176 19.0 15.4 23.2





#16

Anthracene

Concen: 0.956 ng/ul

RT: 17.607 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN026964.D

Acq: 18 Aug 2023 18:00

Instrument :

BNA_N

ClientSampleId :

A48H7

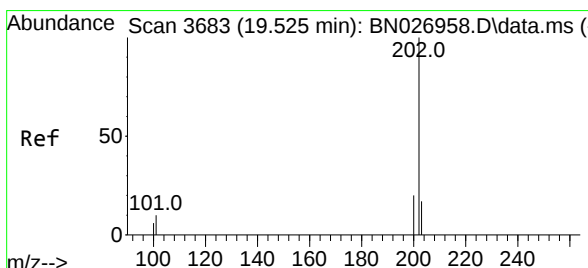
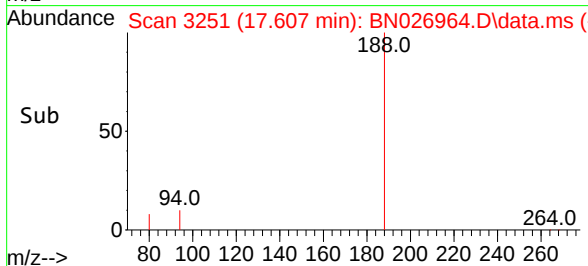
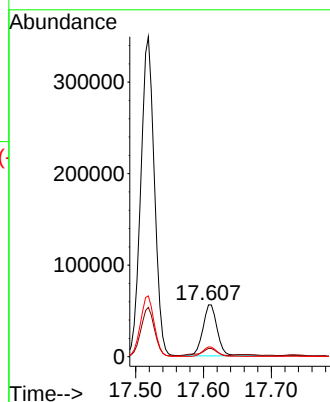
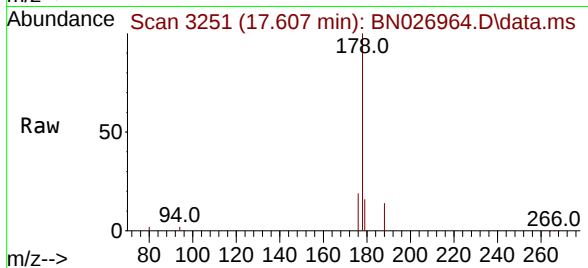
Tgt Ion:178	Resp:	83510
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.6 19.0
176	19.0	15.0 22.6

Manual Integrations

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Supervised By :mohammad ahmed 08/21/2023



#19

Fluoranthene

Concen: 10.858 ng/ul

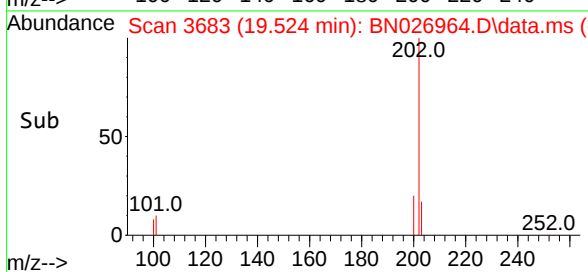
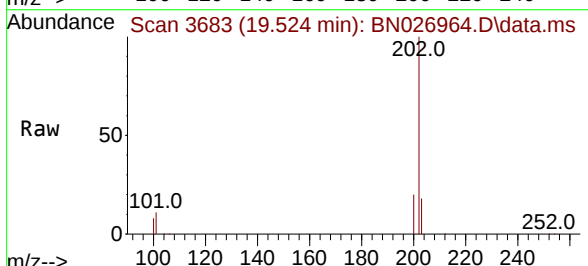
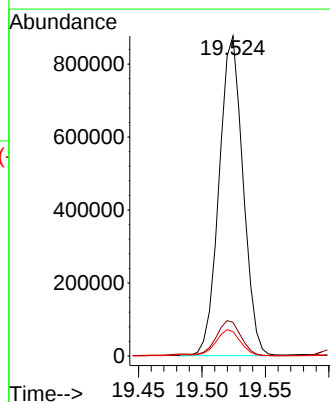
RT: 19.524 min Scan# 3683

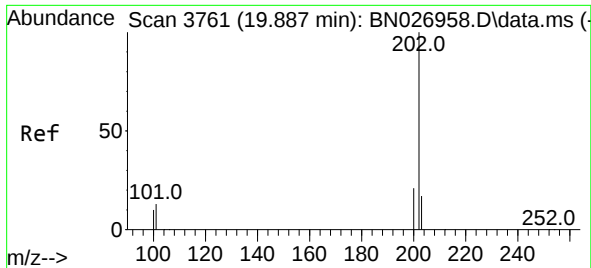
Delta R.T. -0.000 min

Lab File: BN026964.D

Acq: 18 Aug 2023 18:00

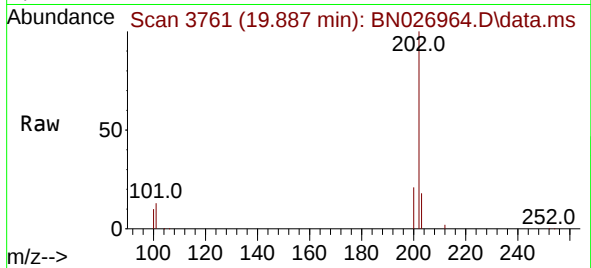
Tgt Ion:202	Resp:	1145853
Ion Ratio	Lower	Upper
202	100	
101	10.5	8.3 12.5
100	7.6	6.2 9.2





#20
Pyrene
Concen: 9.106 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

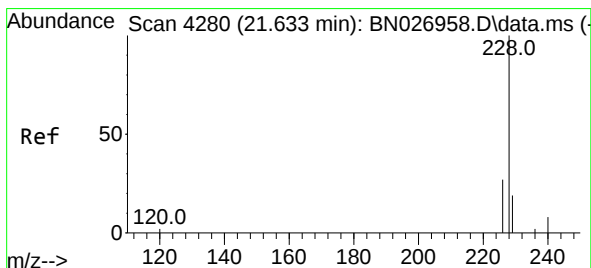
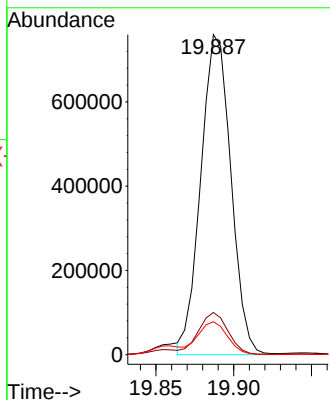
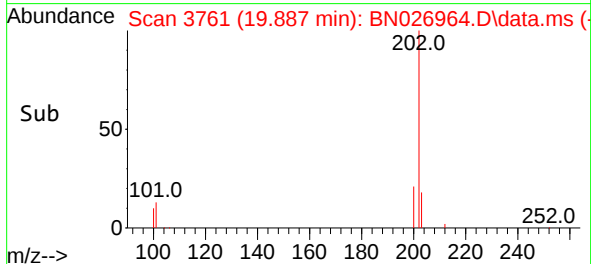
Instrument :
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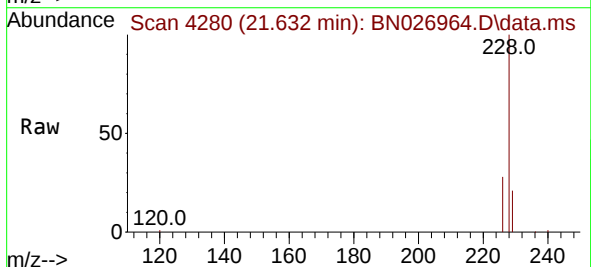
Tgt Ion:202 Resp: 1025324
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.3 8.5 12.7

Manual Integrations
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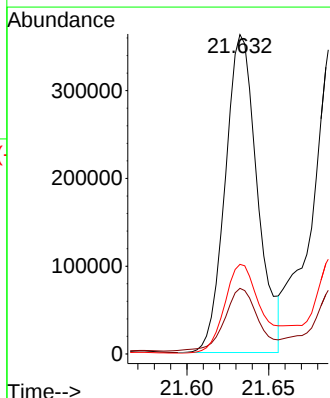
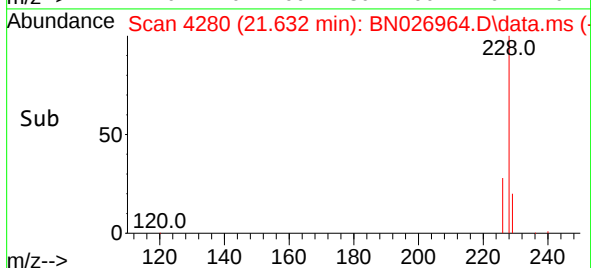
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

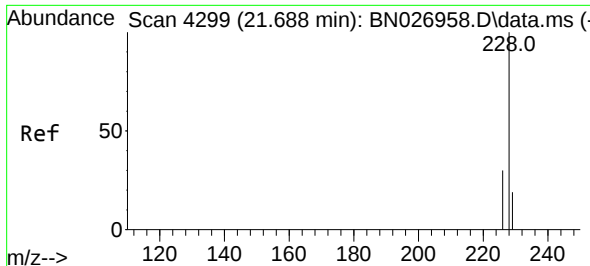


#21
Benzo(a)anthracene
Concen: 4.908 ng/ul
RT: 21.632 min Scan# 4280
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00



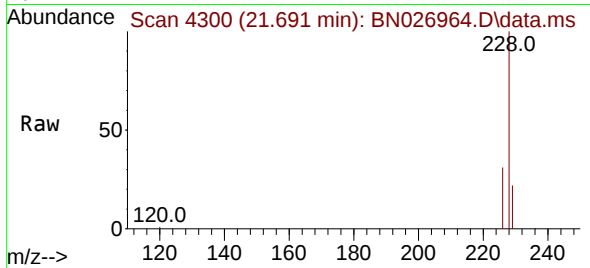
Tgt Ion:228 Resp: 495939
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.1 22.2 33.2





#22
Chrysene
Concen: 5.701 ng/ul
RT: 21.691 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

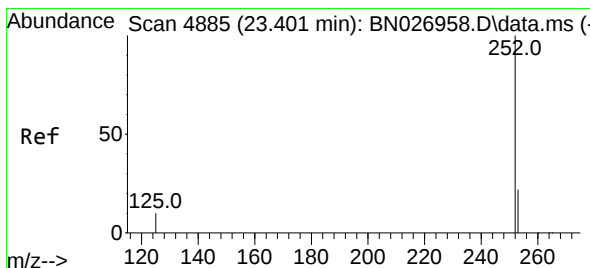
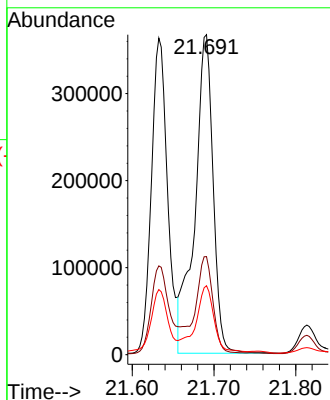
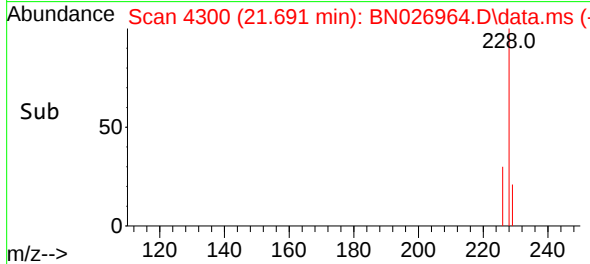
Instrument :
BNA_N
ClientSampleId :
A48H7



Tgt Ion:228 Resp: 56856
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 21.6 15.8 23.6

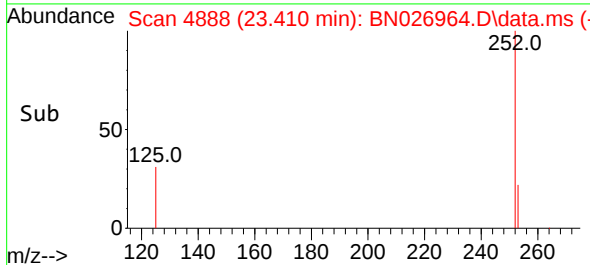
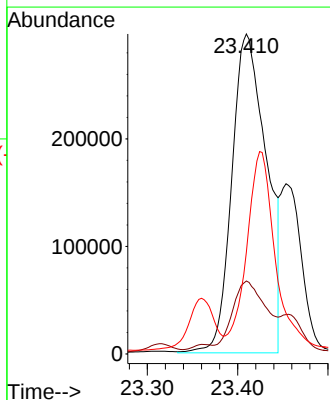
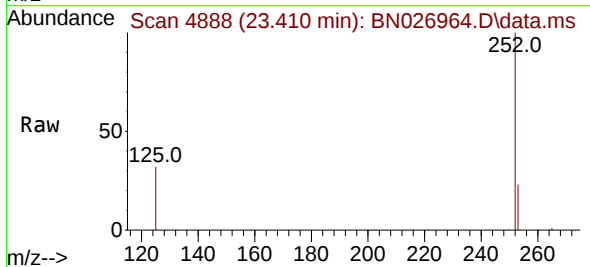
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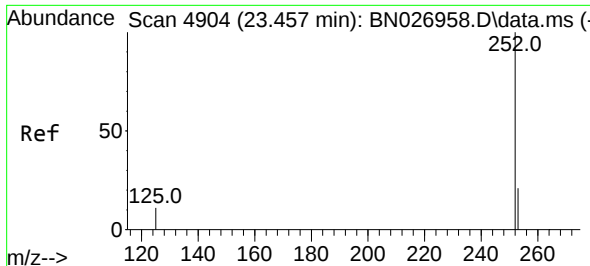
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#24
Benzo(b)fluoranthene
Concen: 9.218 ng/ul m
RT: 23.410 min Scan# 4888
Delta R.T. 0.003 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

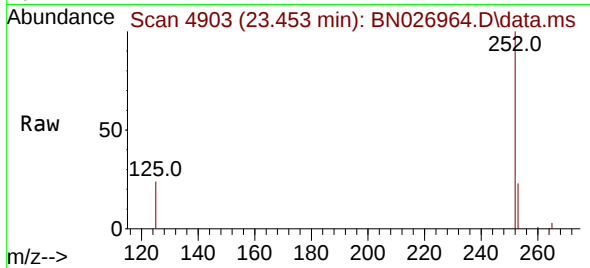
Tgt Ion:252 Resp: 792155
Ion Ratio Lower Upper
252 100
253 22.8 0.0 46.8
125 31.8 0.0 25.2#





#25
Benzo(k)fluoranthene
Concen: 2.939 ng/ul m
RT: 23.453 min Scan# 4904
Delta R.T. -0.006 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

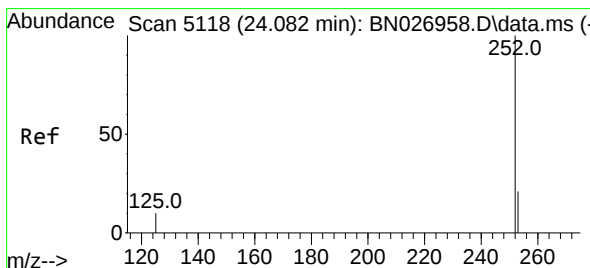
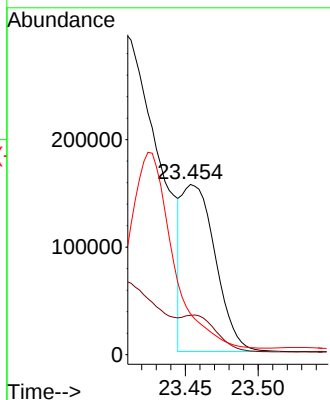
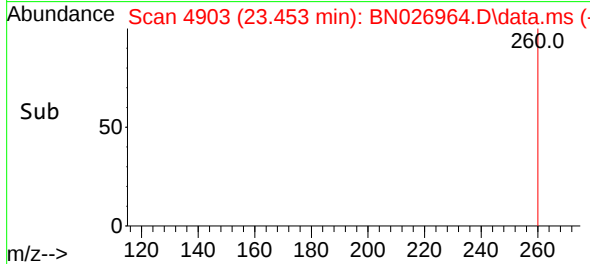
Instrument :
BNA_N
ClientSampleId :
A48H7



Tgt Ion:252 Resp: 24911
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 24.0 9.9 14.9

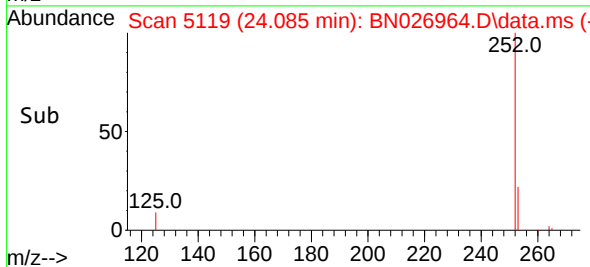
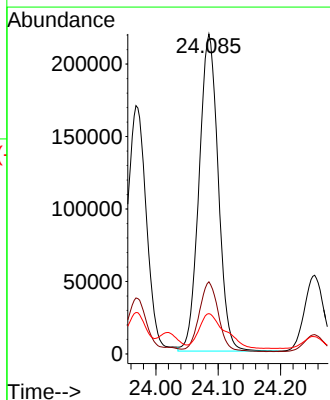
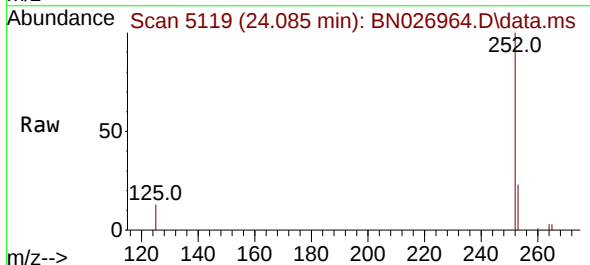
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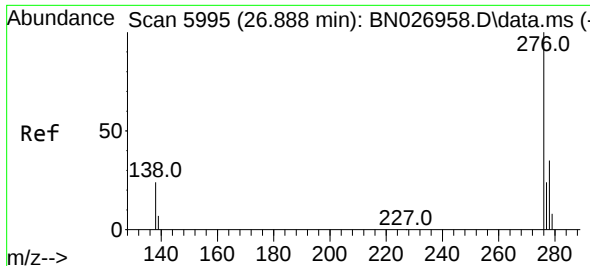
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023



#26
Benzo(a)pyrene
Concen: 5.996 ng/ul
RT: 24.085 min Scan# 5119
Delta R.T. -0.000 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

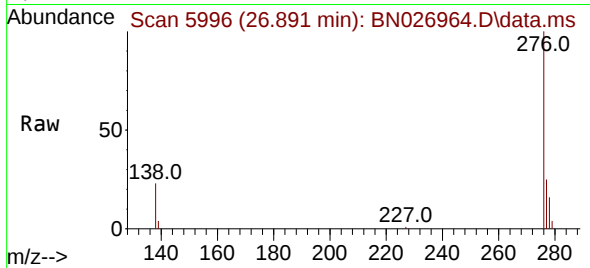
Tgt Ion:252 Resp: 464920
Ion Ratio Lower Upper
252 100
253 22.5 19.0 28.6
125 12.6 11.4 17.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.943 ng/ul
RT: 26.891 min Scan# 5995
Delta R.T. 0.006 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00

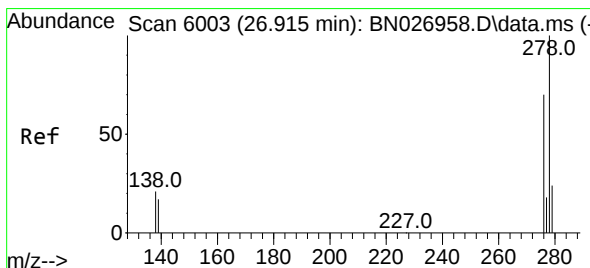
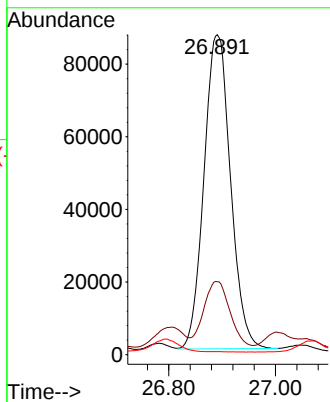
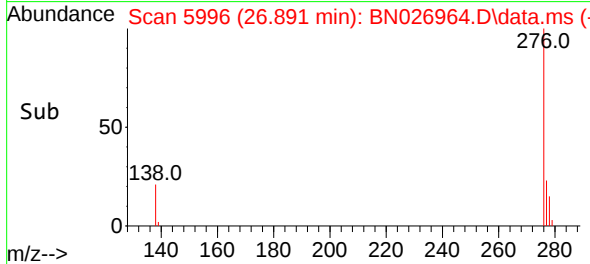
Instrument :
BNA_N
ClientSampleId :
A48H7



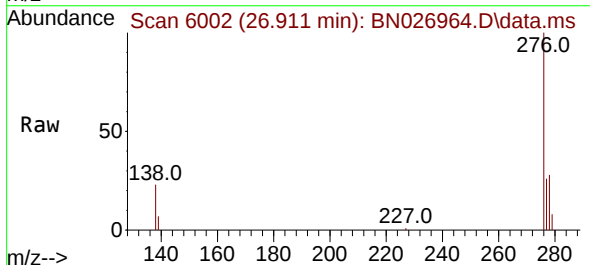
Tgt Ion:276 Resp: 29852
Ion Ratio Lower Upper
276 100
138 19.6 21.6 32.4
227 0.0 0.0 0.0

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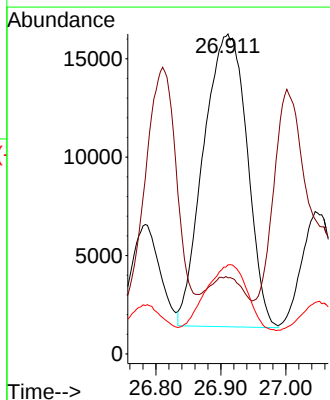
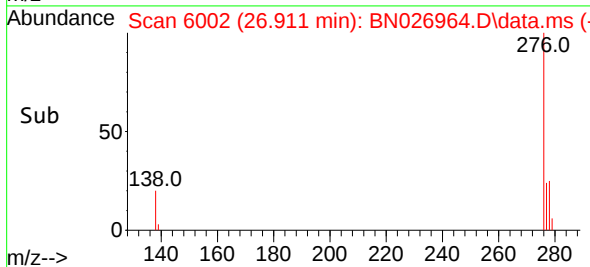
Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

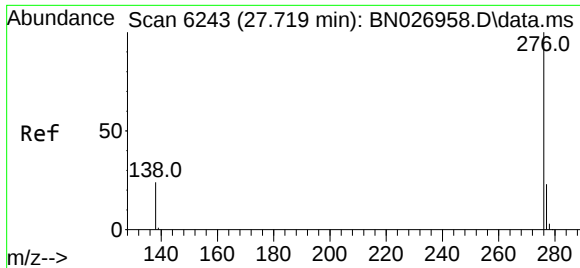


#28
Dibenzo(a,h)anthracene
Concen: 0.857 ng/ul
RT: 26.911 min Scan# 6002
Delta R.T. -0.011 min
Lab File: BN026964.D
Acq: 18 Aug 2023 18:00



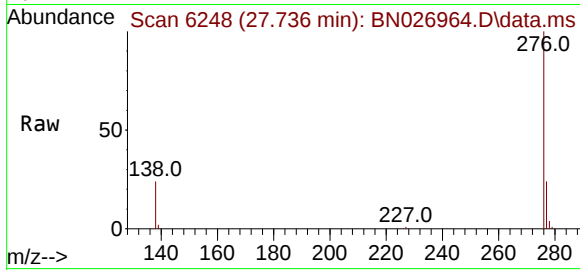
Tgt Ion:278 Resp: 69265
Ion Ratio Lower Upper
278 100
139 23.8 15.7 23.5
279 27.8 20.2 30.4





#29
 Benzo(g,h,i)perylene
 Concen: 3.262 ng/ul
 RT: 27.736 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: BN026964.D
 Acq: 18 Aug 2023 18:00

Instrument :
 BNA_N
 ClientSampleId :
 A48H7



Tgt Ion: 276 Resp: 275469
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.3 28.9
 277 24.1 19.8 29.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :mohammad ahmed 08/21/2023

