

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026058.D
 Acq On : 28 Jun 2023 14:59
 Operator : MA/JU
 Sample : 03142-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 28 23:14:52 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	7.972	152	6777	0.400	ng/ul	0.00
4) Naphthalene-d8	10.780	136	22139	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.607	164	13852	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	29568	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	17973	0.400	ng/ul	0.00
23) Perylene-d12	24.010	264	15000	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	10574	1.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.369	152	4454	0.131	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	10025	0.147	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.829	128	21531	0.339	ng/ul	99
7) 2-Methylnaphthalene	12.441	142	14599	0.361	ng/ul	100
8) 1-Methylnaphthalene	12.661	142	9921	0.237	ng/ul	100
10) Acenaphthylene	14.329	152	22736	0.351	ng/ul	98
11) Acenaphthene	14.671	153	9317	0.176	ng/ul	99
12) Fluorene	15.657	166	8859	0.146	ng/ul#	98
15) Phenanthrene	17.397	178	297463	3.046	ng/ul	99
16) Anthracene	17.486	178	51456	0.593	ng/ul	99
19) Fluoranthene	19.409	202	799548	8.329	ng/ul	98
20) Pyrene	19.771	202	665573	6.666	ng/ul	98
21) Benzo(a)anthracene	21.525	228	291276	3.929	ng/ul	99
22) Chrysene	21.578	228	339994	4.407	ng/ul	99
24) Benzo(b)fluoranthene	23.255	252	452137m	7.062	ng/ul	
25) Benzo(k)fluoranthene	23.299	252	150228m	2.337	ng/ul	
26) Benzo(a)pyrene	23.901	252	259213	4.662	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.590	276	205084	3.377	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.607	278	47197	1.027	ng/ul	92
29) Benzo(g,h,i)perylene	27.395	276	190187	3.520	ng/ul	95

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

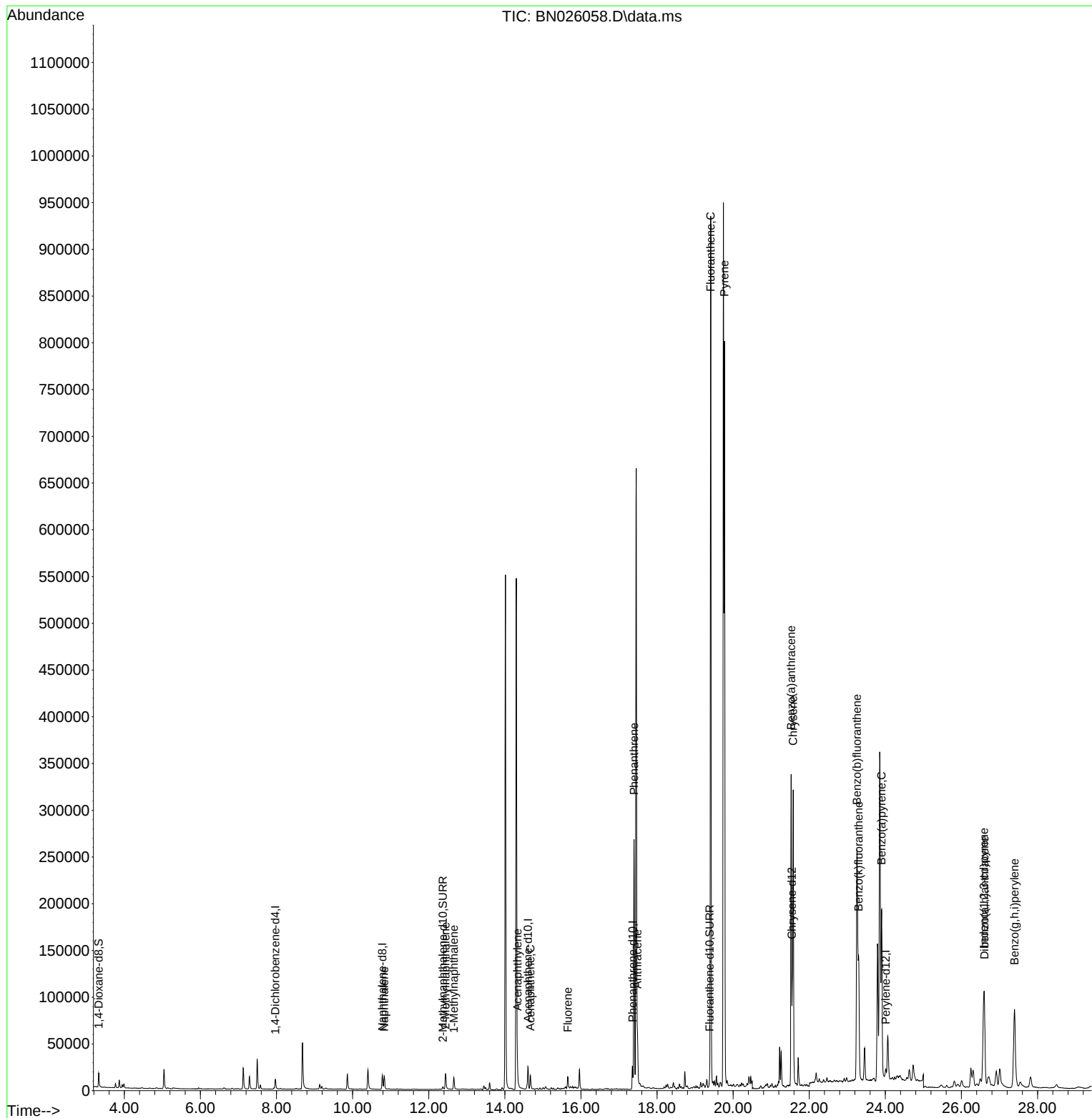
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026058.D
Acq On : 28 Jun 2023 14:59
Operator : MA/JU
Sample : 03142-03
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ALS Vial : 6 Sample Multiplier: 1

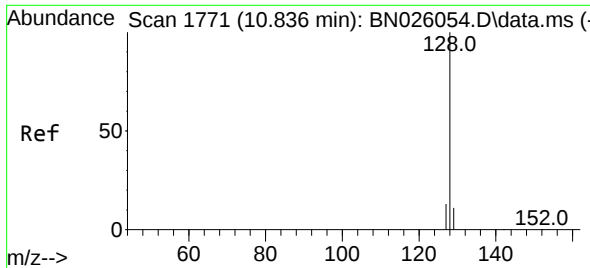
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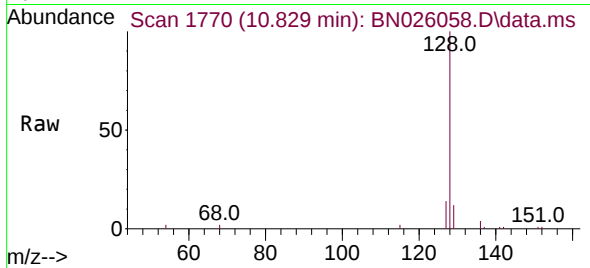
Quant Time: Jun 28 23:14:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.829 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

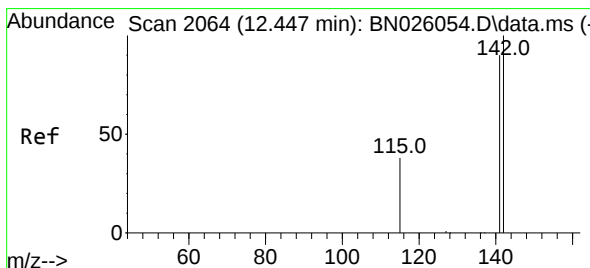
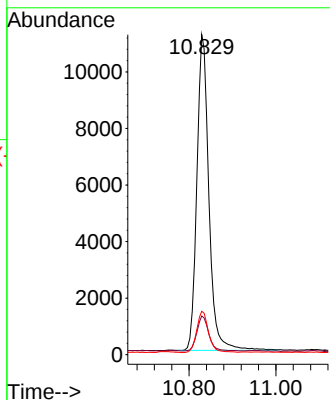
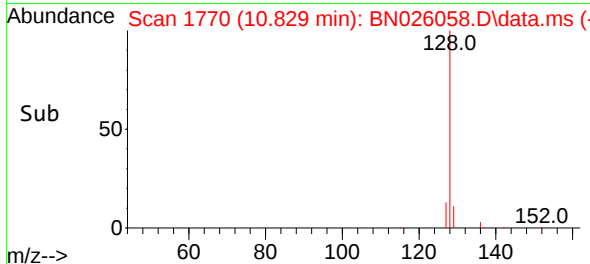
Instrument :
BNA_N
ClientSampleId :
DCFS2



Tgt Ion:128 Resp: 2153
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.6 10.7 16.1

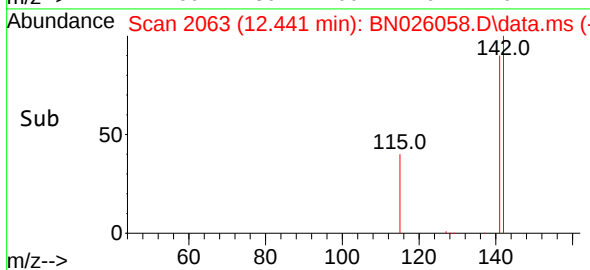
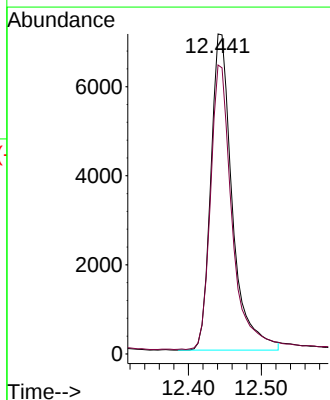
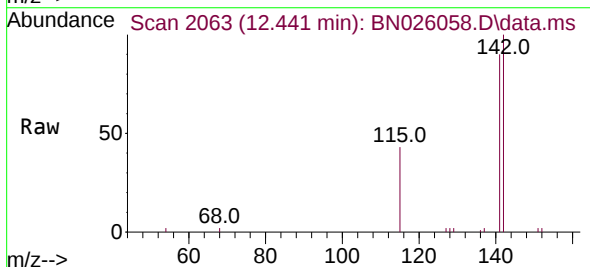
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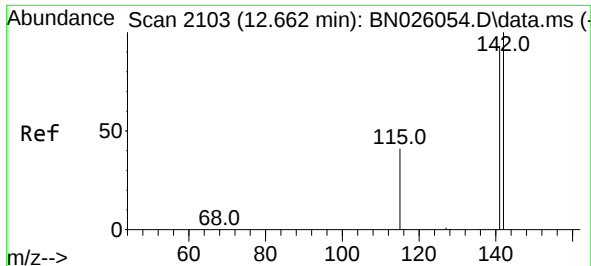
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.441 min Scan# 2063
Delta R.T. -0.007 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

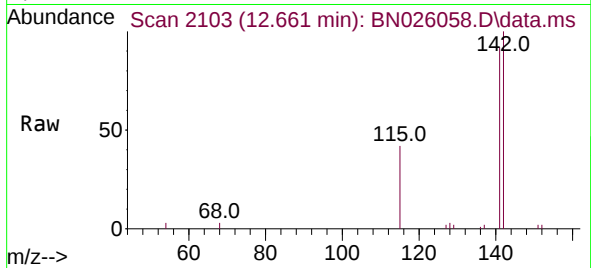
Tgt Ion:142 Resp: 14599
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.661 min Scan# 2103
Delta R.T. -0.001 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

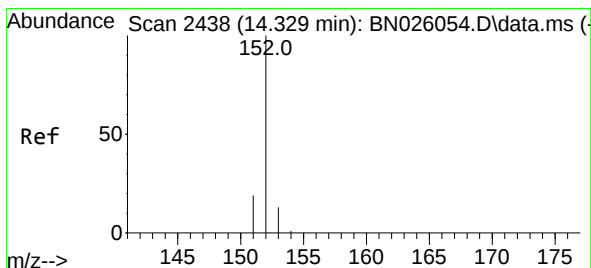
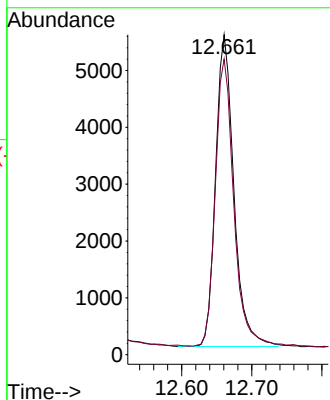
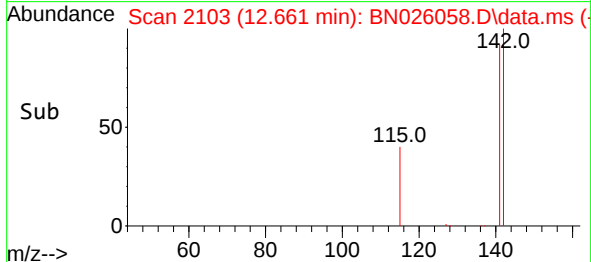
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 992
Ion Ratio Lower Upper
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141 92.6 74.2 111.4

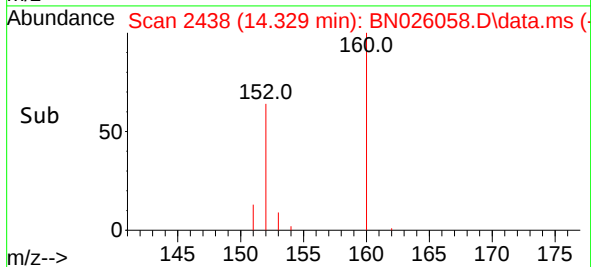
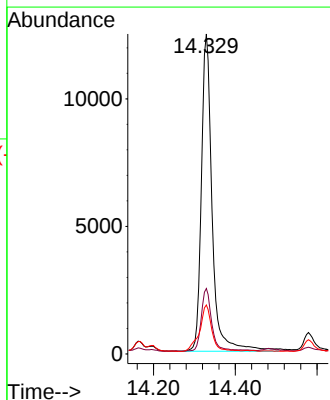
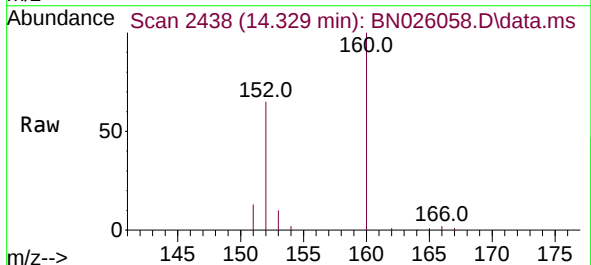
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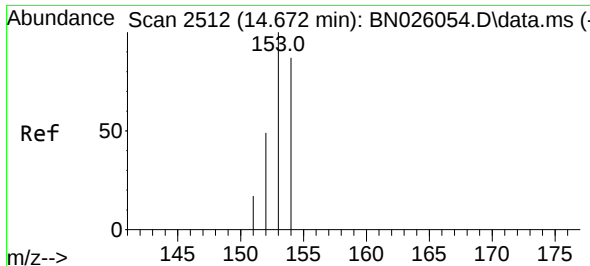
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.329 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

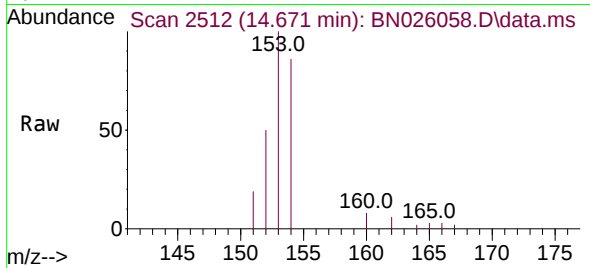
Tgt Ion:152 Resp: 22736
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 15.3 10.9 16.3





#11
Acenaphthene
Concen: 0.176 ng/ul
RT: 14.671 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

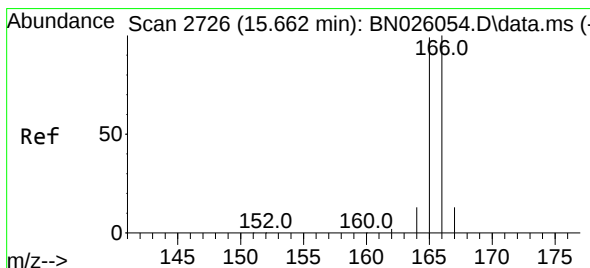
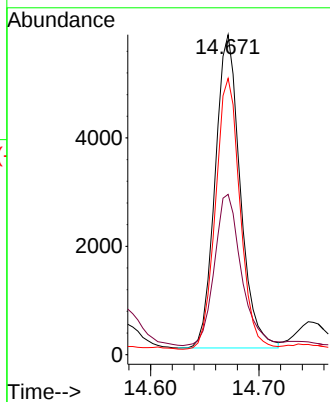
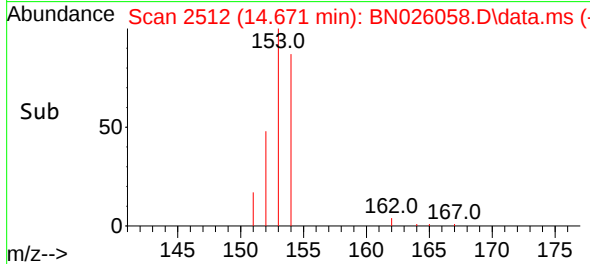
Instrument :
BNA_N
ClientSampleId :
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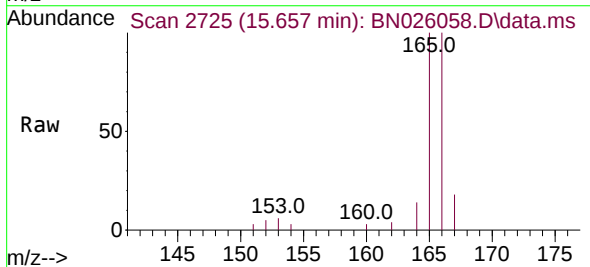
Tgt Ion:153 Resp: 9317
Ion Ratio Lower Upper
153 100
152 50.1 39.4 59.0
154 86.3 68.9 103.3

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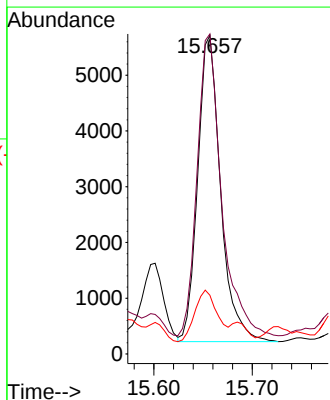
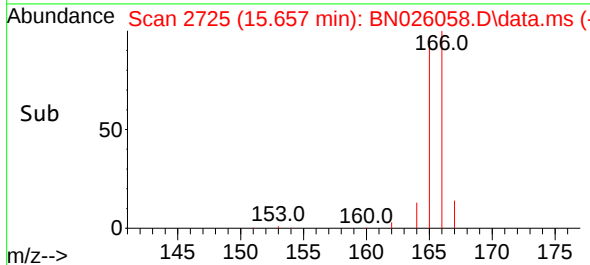
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

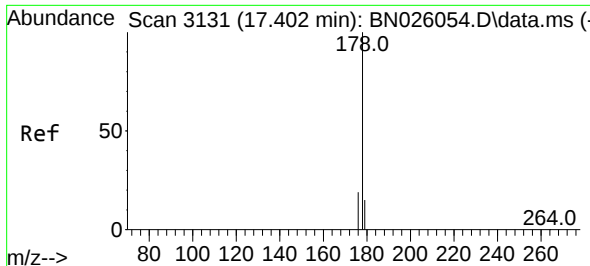


#12
Fluorene
Concen: 0.146 ng/ul
RT: 15.657 min Scan# 2725
Delta R.T. -0.005 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59



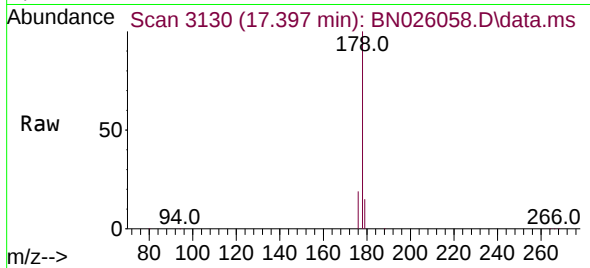
Tgt Ion:166 Resp: 8859
Ion Ratio Lower Upper
166 100
165 100.4 79.9 119.9
167 18.4 10.8 16.2#





#15
Phenanthrene
Concen: 3.046 ng/u1
RT: 17.397 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

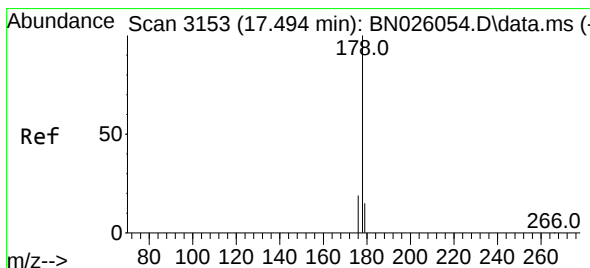
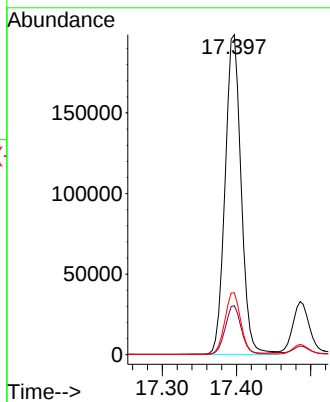
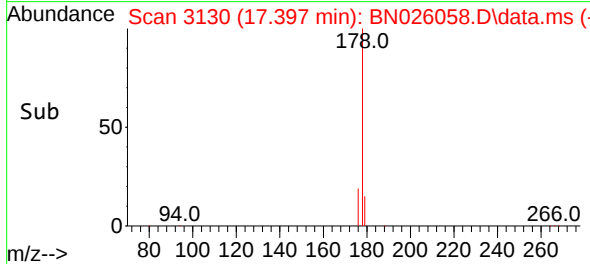
Instrument :
BNA_N
ClientSampleId :
DCFS2



Tgt Ion:178 Resp: 29746
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.4 15.8 23.6

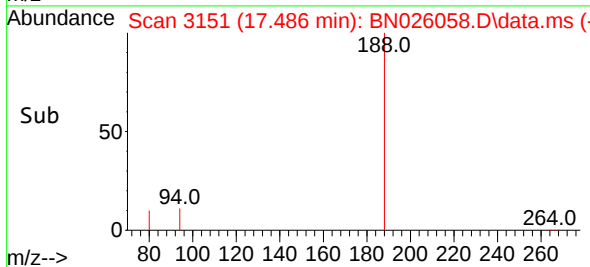
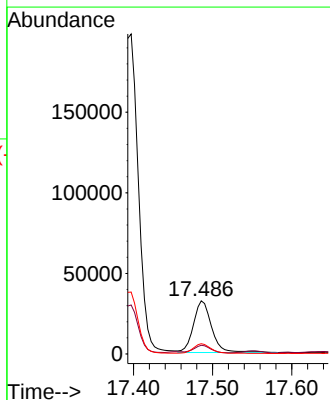
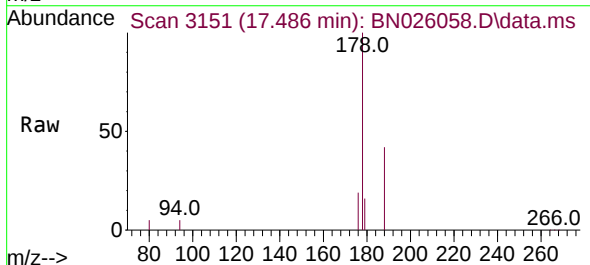
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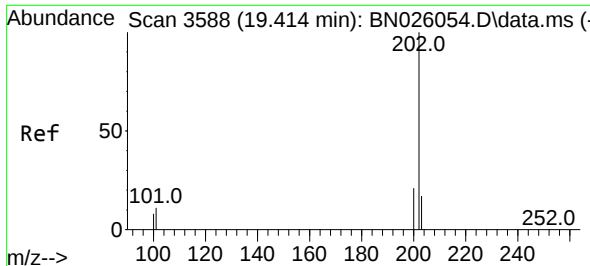
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.593 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

Tgt Ion:178 Resp: 51456
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.3 15.1 22.7





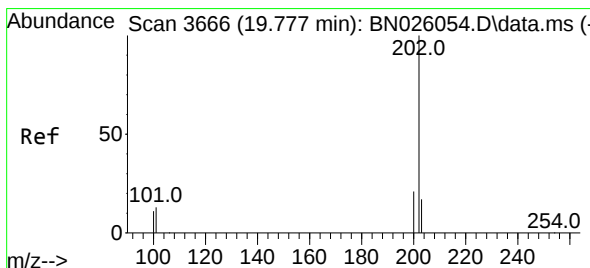
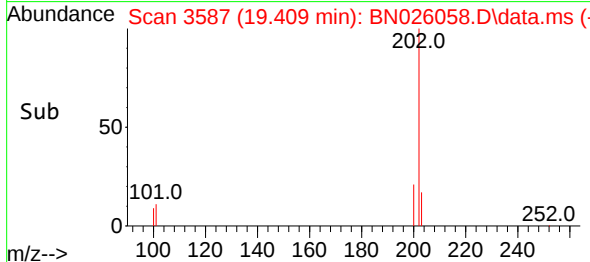
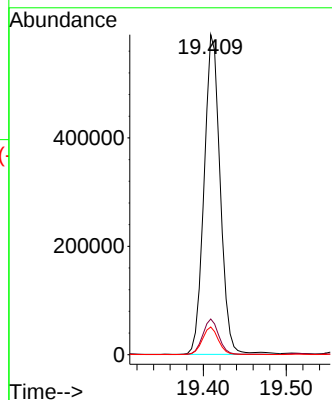
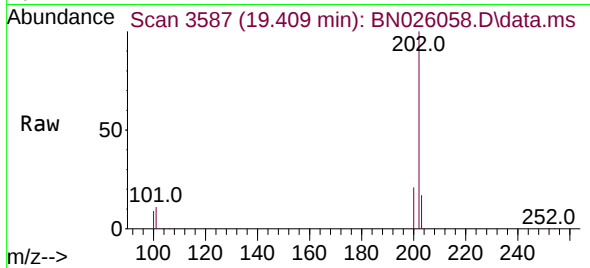
#19
Fluoranthene
Concen: 8.329 ng/ul
RT: 19.409 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

Instrument :
BNA_N
ClientSampleId :
DCFS2

Tgt Ion:202 Resp: 799548
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.7 7.3 10.9

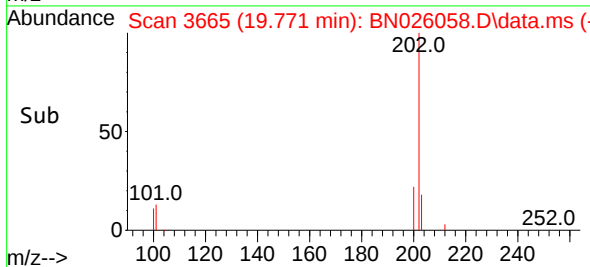
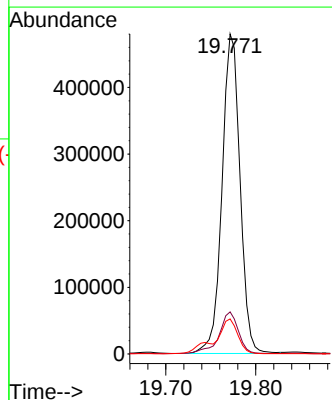
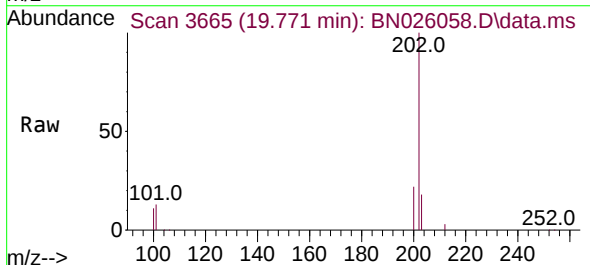
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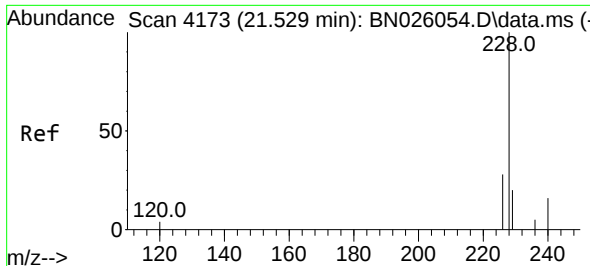
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 6.666 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

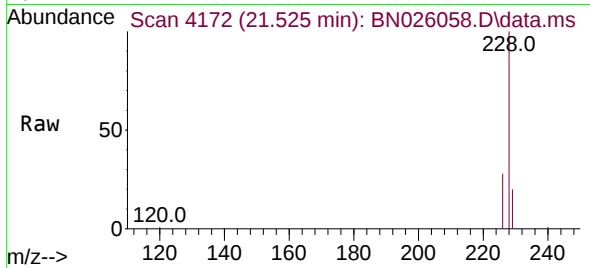
Tgt Ion:202 Resp: 665573
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 11.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 3.929 ng/ul
RT: 21.525 min Scan# 4172
Delta R.T. -0.004 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

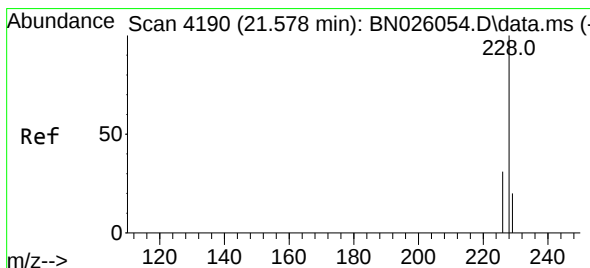
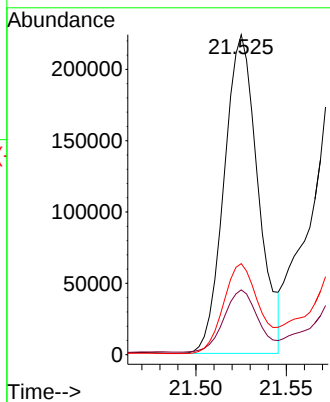
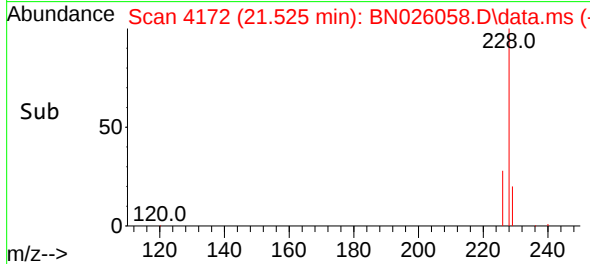
Instrument :
BNA_N
ClientSampleId :
DCFS2



Tgt Ion:228 Resp: 291270
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 28.5 22.5 33.7

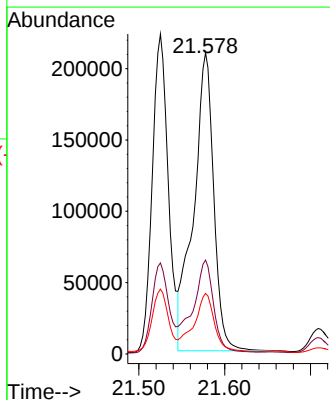
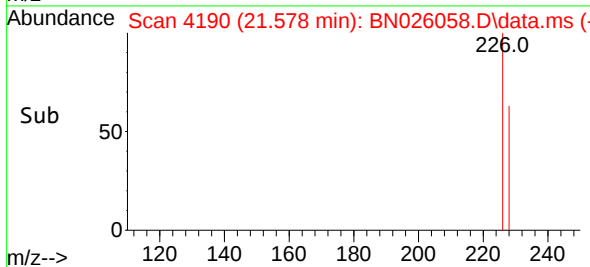
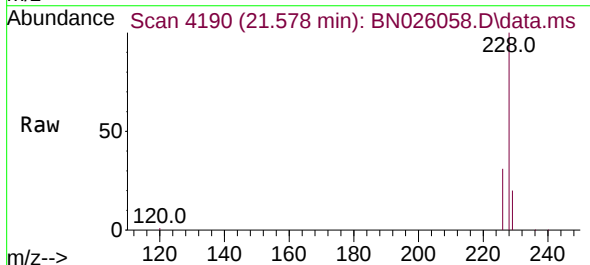
Manual Integrations
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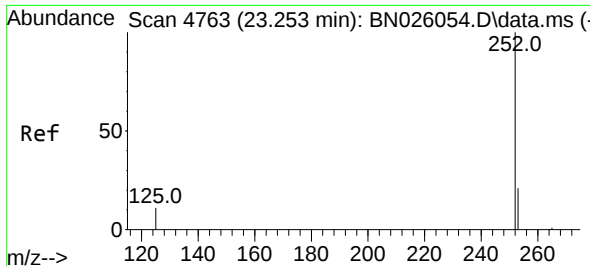
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 4.407 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. -0.001 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

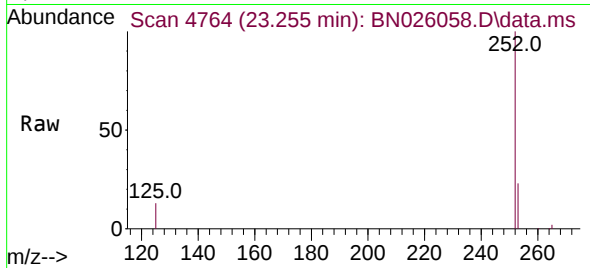
Tgt Ion:228 Resp: 339994
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 20.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 7.062 ng/ul m
RT: 23.255 min Scan# 4763
Delta R.T. 0.002 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

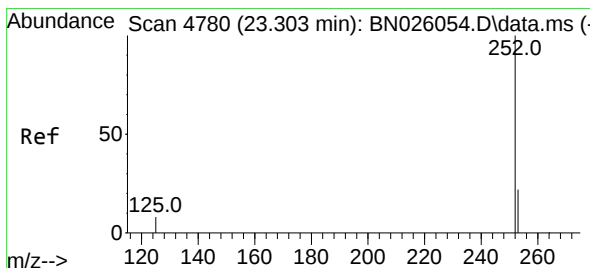
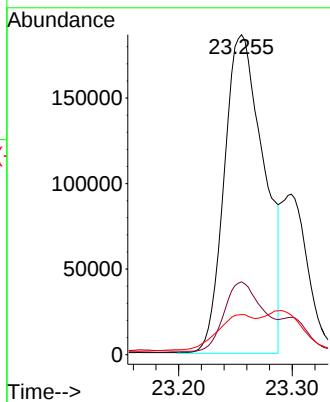
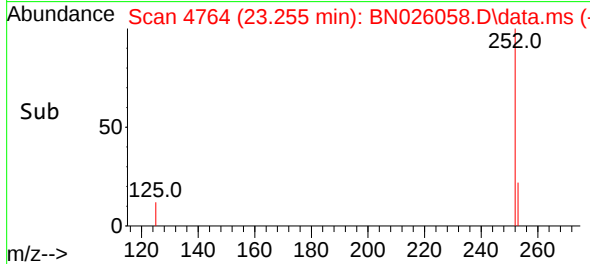
Instrument :
BNA_N
ClientSampleId :
DCFS2



Tgt Ion:252 Resp: 45213
Ion Ratio Lower Upper
252 100
253 22.7 0.0 55.6
125 12.5 0.0 35.8

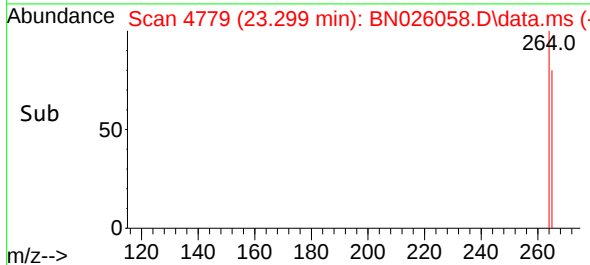
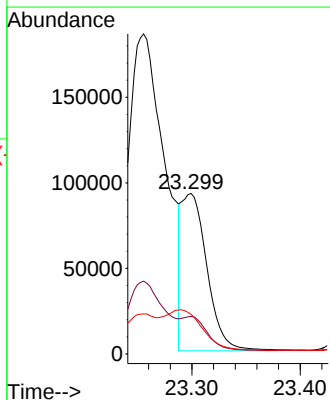
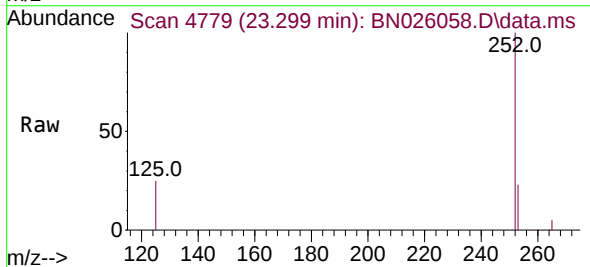
Manual Integrations
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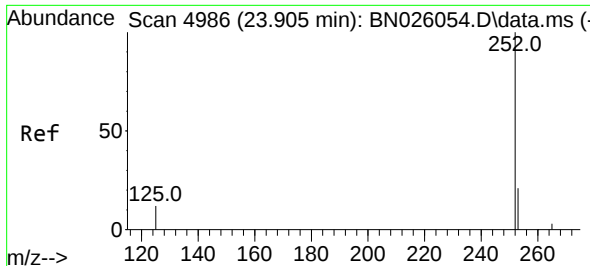
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 2.337 ng/ul m
RT: 23.299 min Scan# 4779
Delta R.T. -0.004 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

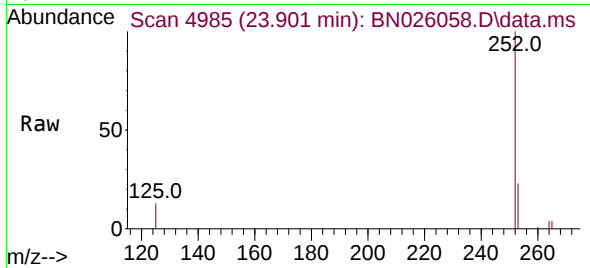
Tgt Ion:252 Resp: 150228
Ion Ratio Lower Upper
252 100
253 23.3 23.2 34.8
125 24.6 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 4.662 ng/ul
RT: 23.901 min Scan# 4986
Delta R.T. -0.004 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

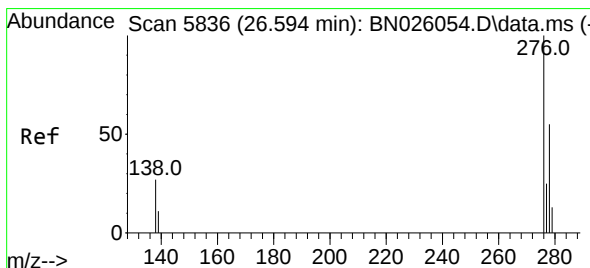
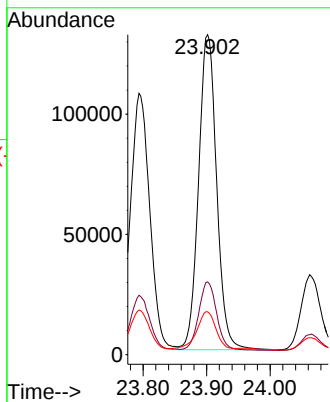
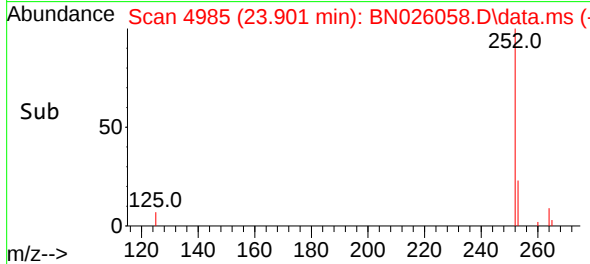
Instrument :
BNA_N
ClientSampleId :
DCFS2



Tgt Ion:252 Resp: 25921
Ion Ratio Lower Upper
252 100
253 22.7 26.0 39.0
125 13.4 17.3 25.9

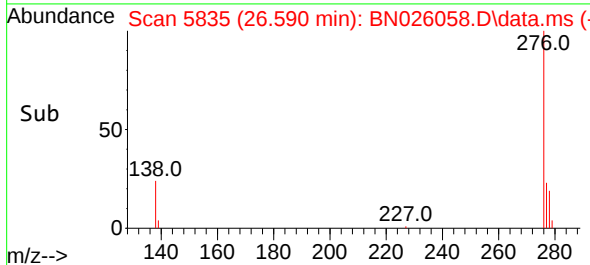
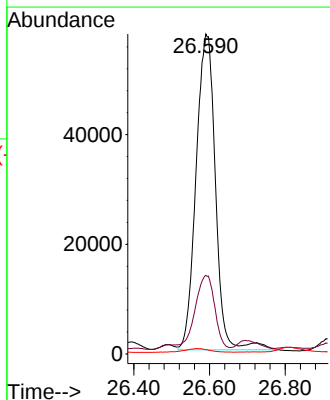
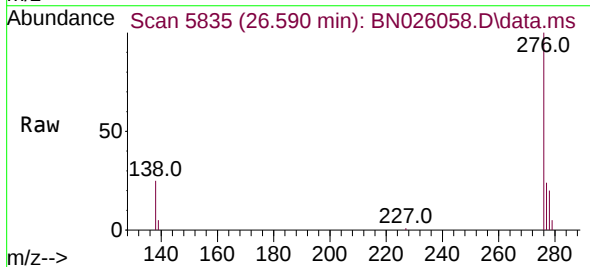
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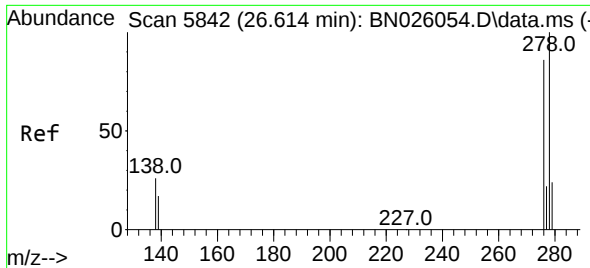
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.377 ng/ul
RT: 26.590 min Scan# 5835
Delta R.T. -0.004 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

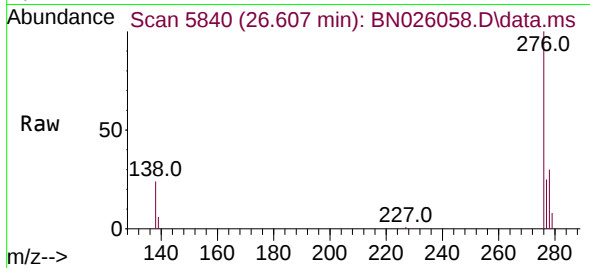
Tgt Ion:276 Resp: 205084
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.027 ng/ul
RT: 26.607 min Scan# 5842
Delta R.T. -0.008 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59

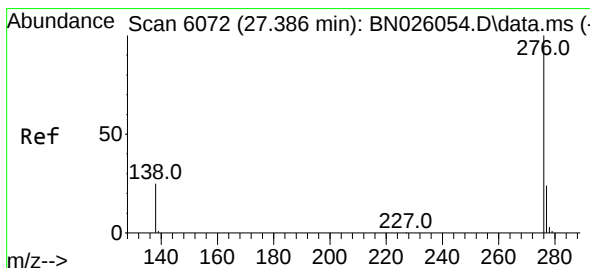
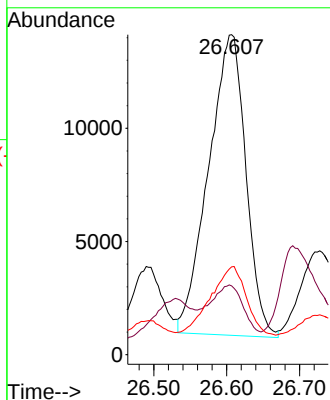
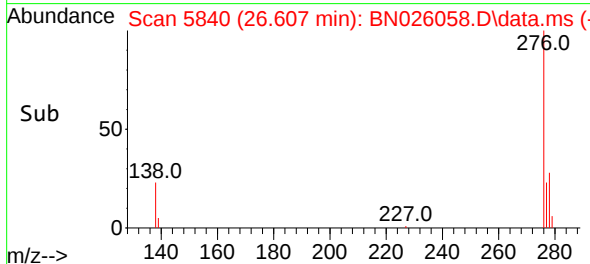
Instrument :
BNA_N
ClientSampleId :
DCFS2



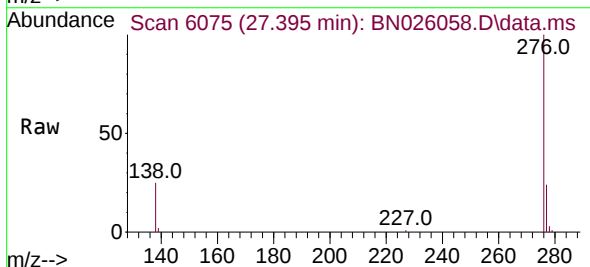
Tgt Ion:278 Resp: 4719
Ion Ratio Lower Upper
278 100
139 21.5 19.0 28.4
279 27.4 26.7 40.1

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Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 3.520 ng/ul
RT: 27.395 min Scan# 6075
Delta R.T. 0.009 min
Lab File: BN026058.D
Acq: 28 Jun 2023 14:59



Tgt Ion:276 Resp: 190187
Ion Ratio Lower Upper
276 100
138 25.3 23.4 35.0
277 24.2 20.0 30.0

