

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026129.D
 Acq On : 30 Jun 2023 13:56
 Operator : MA/JU
 Sample : 03239-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFZ0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 00:55:31 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	8443	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.774	136	28022	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	16924	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	35311	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	19253	0.400	ng/ul	# 0.00
23) Perylene-d12	24.010	264	19290	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	18530	1.949	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	6342	0.147	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	13726	0.187	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.824	128	4327	0.054	ng/ul#	92
7) 2-Methylnaphthalene	12.435	142	2889	0.056	ng/ul	98
8) 1-Methylnaphthalene	12.655	142	2136	0.040	ng/ul	100
10) Acenaphthylene	14.324	152	5888	0.074	ng/ul#	92
11) Acenaphthene	14.667	153	1808	0.028	ng/ul	94
12) Fluorene	15.648	166	1598	0.022	ng/ul#	90
15) Phenanthrene	17.393	178	44245	0.379	ng/ul	99
16) Anthracene	17.481	178	8513	0.082	ng/ul#	91
19) Fluoranthene	19.404	202	128772	1.252	ng/ul	98
20) Pyrene	19.771	202	96434m	0.902	ng/ul	
21) Benzo(a)anthracene	21.525	228	49195	0.619	ng/ul#	94
22) Chrysene	21.578	228	60678	0.734	ng/ul#	95
24) Benzo(b)fluoranthene	23.252	252	86688m	1.053	ng/ul	
25) Benzo(k)fluoranthene	23.299	252	27466m	0.332	ng/ul	
26) Benzo(a)pyrene	23.901	252	40884	0.572	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.587	276	40775	0.522	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.590	278	11781	0.199	ng/ul#	64
29) Benzo(g,h,i)perylene	27.382	276	6864m	0.099	ng/ul	

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

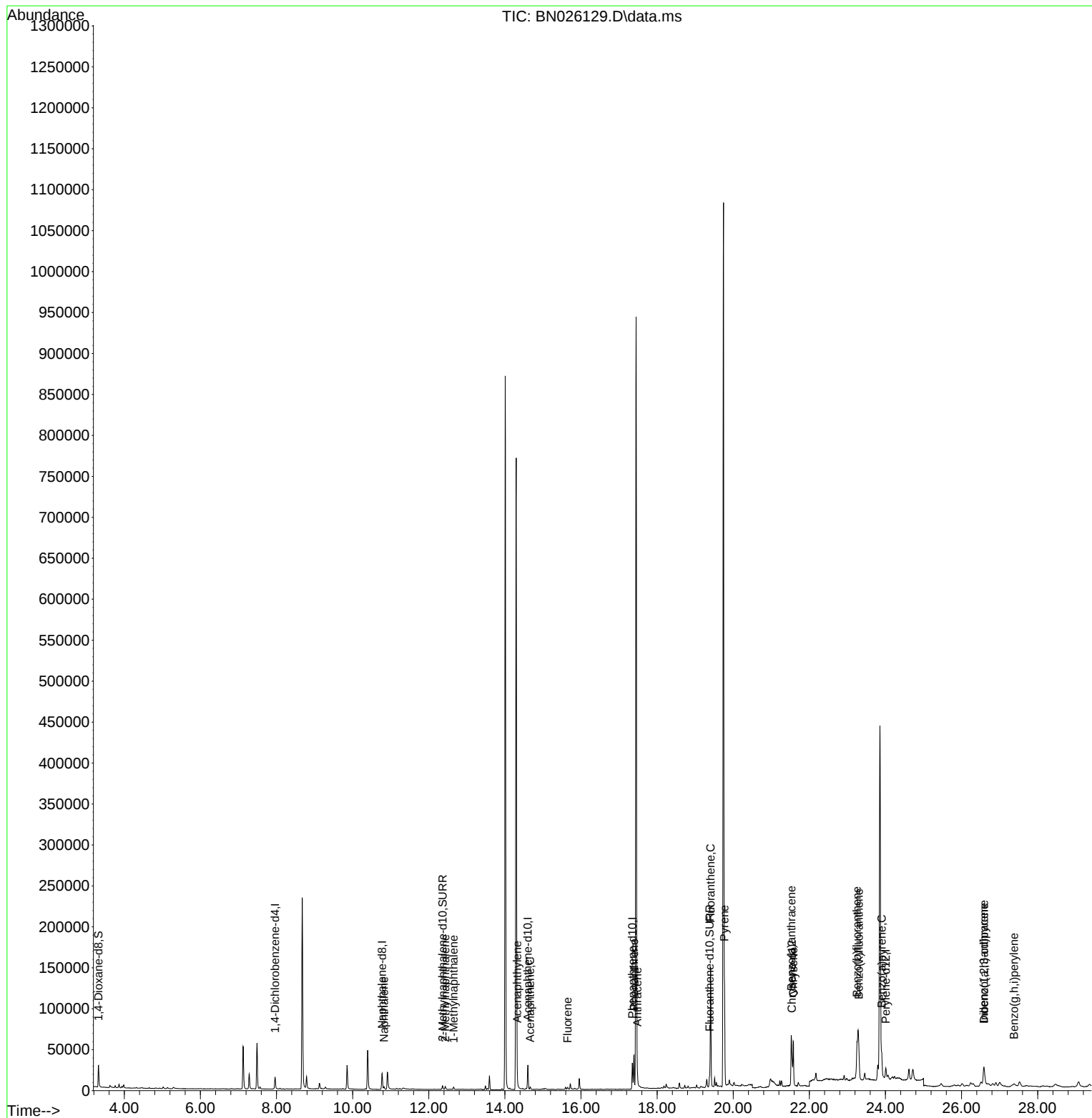
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026129.D
Acq On : 30 Jun 2023 13:56
Operator : MA/JU
Sample : 03239-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

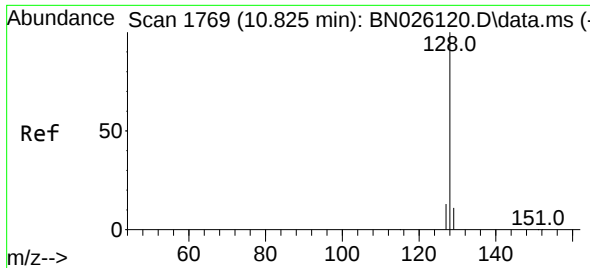
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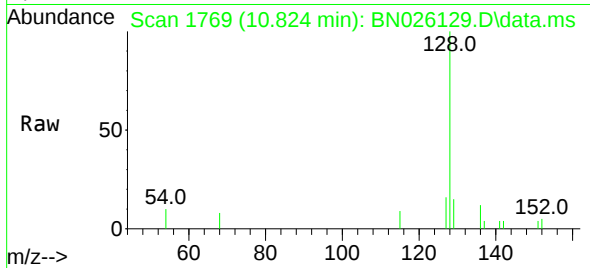
Quant Time: Jul 01 00:55:31 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.824 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

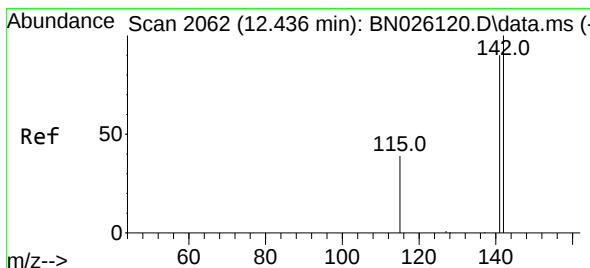
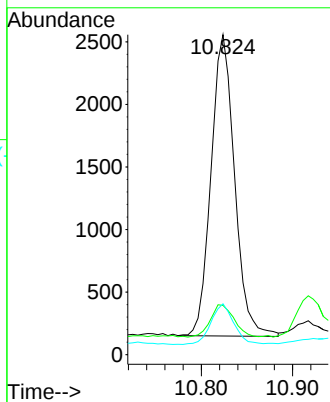
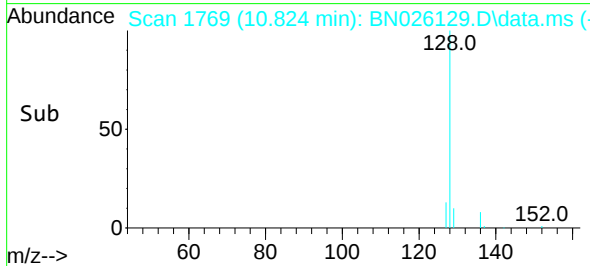
Instrument :
BNA_N
ClientSampleId :
DCFZ0



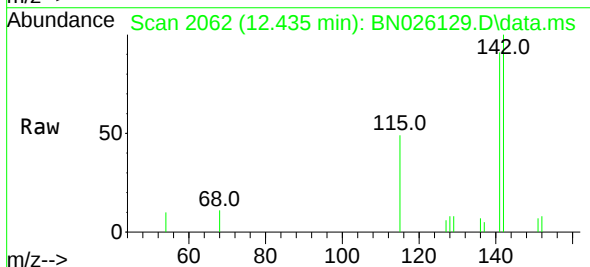
Tgt Ion:128 Resp: 4327
Ion Ratio Lower Upper
128 100
129 15.4 9.1 13.7
127 15.9 10.7 16.1

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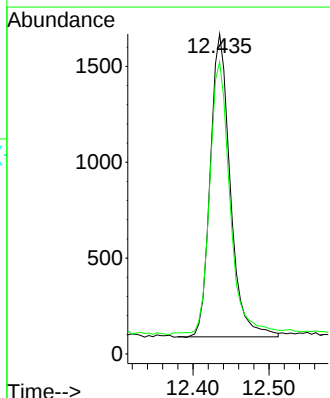
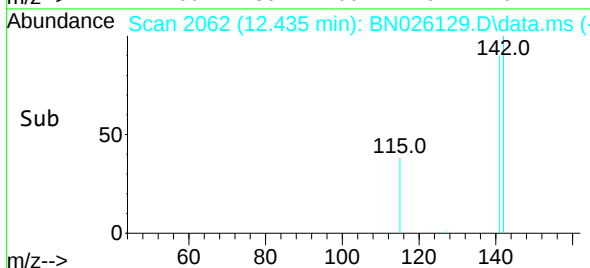
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

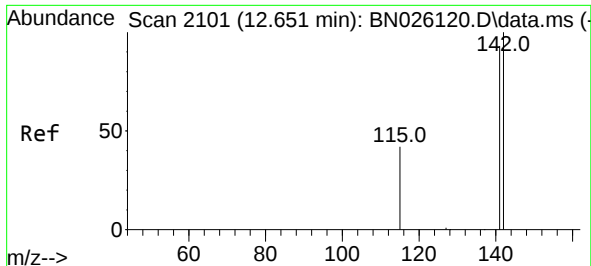


#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.435 min Scan# 2062
Delta R.T. -0.012 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56



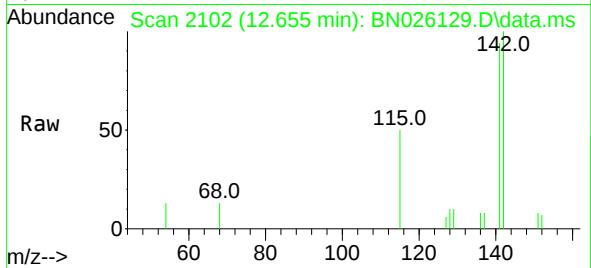
Tgt Ion:142 Resp: 2889
Ion Ratio Lower Upper
142 100
141 91.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.655 min Scan# 2101
Delta R.T. -0.007 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

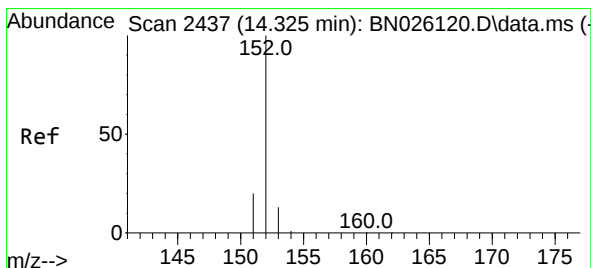
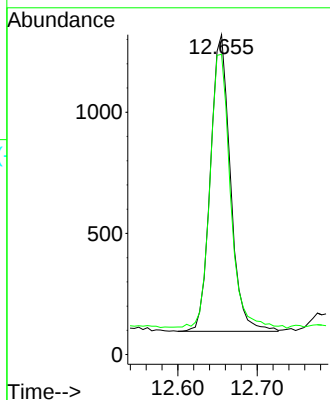
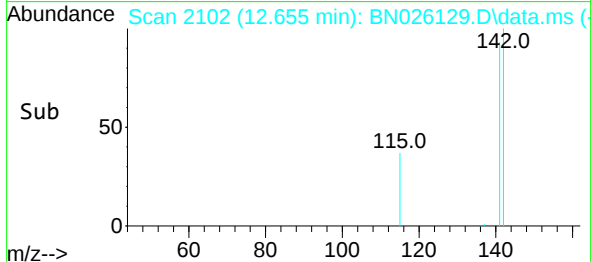
Instrument :
BNA_N
ClientSampleId :
DCFZ0



Tgt Ion:142 Resp: 2130
Ion Ratio Lower Upper
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141 93.1 74.2 111.4

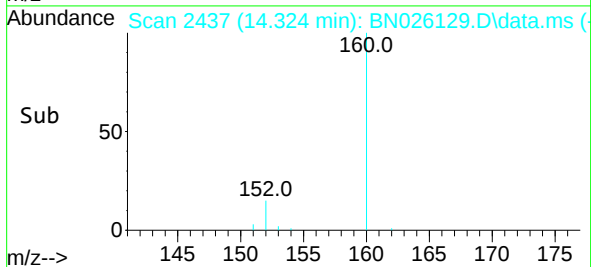
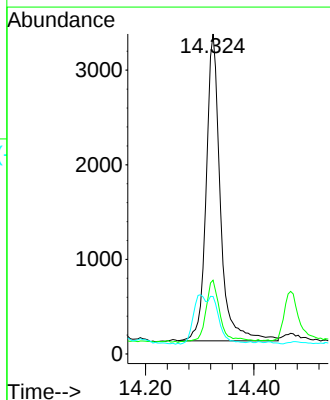
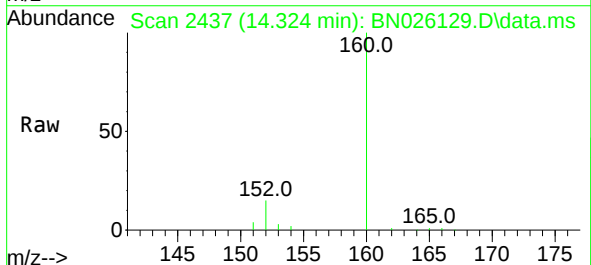
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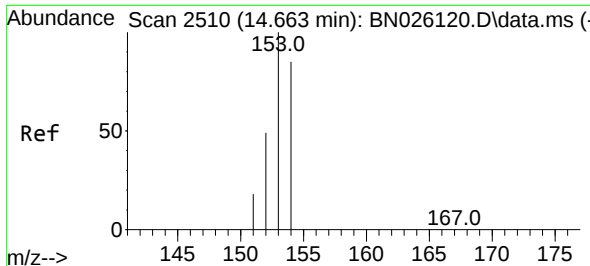
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.074 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

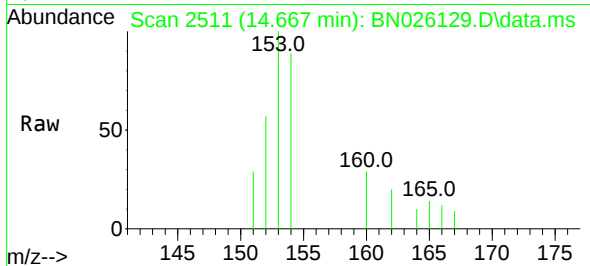
Tgt Ion:152 Resp: 5888
Ion Ratio Lower Upper
152 100
151 23.1 16.2 24.4
153 18.0 10.9 16.3#





#11
Acenaphthene
Concen: 0.028 ng/u1
RT: 14.667 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

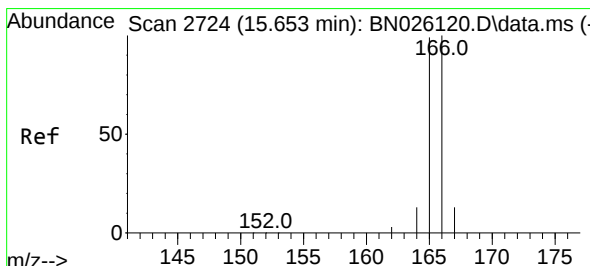
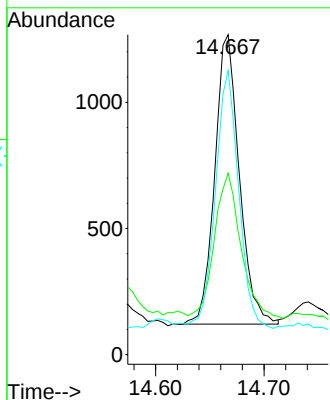
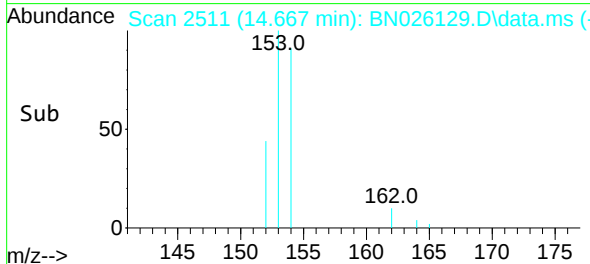
Instrument :
BNA_N
ClientSampleId :
DCFZ0



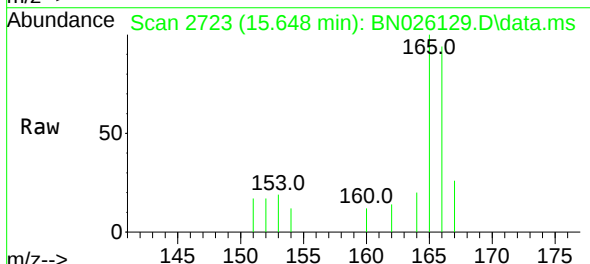
Tgt Ion:153 Resp: 1808
Ion Ratio Lower Upper
153 100
152 56.7 39.4 59.0
154 88.8 68.9 103.3

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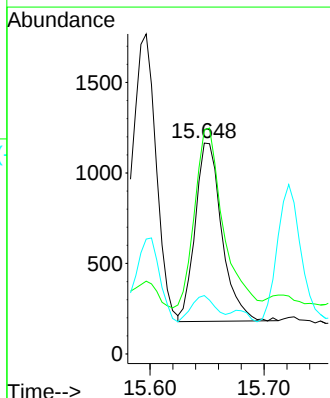
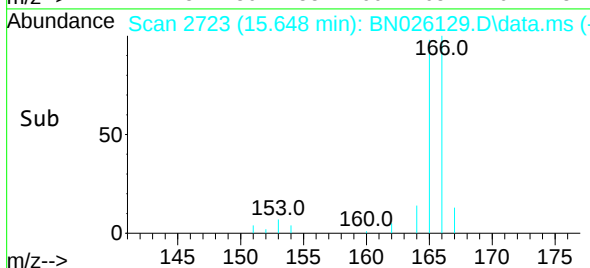
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

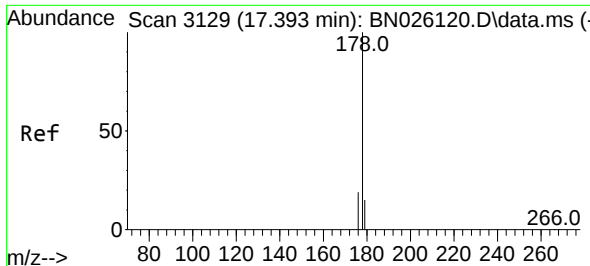


#12
Fluorene
Concen: 0.022 ng/u1
RT: 15.648 min Scan# 2723
Delta R.T. -0.014 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56



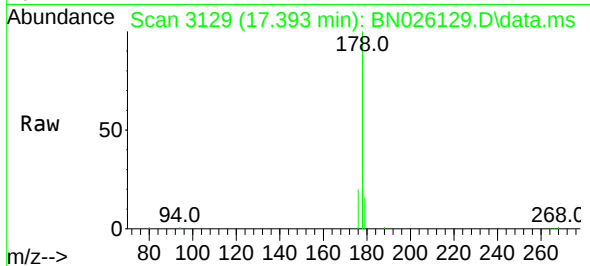
Tgt Ion:166 Resp: 1598
Ion Ratio Lower Upper
166 100
165 106.3 79.9 119.9
167 27.7 10.8 16.2#





#15
Phenanthrene
Concen: 0.379 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

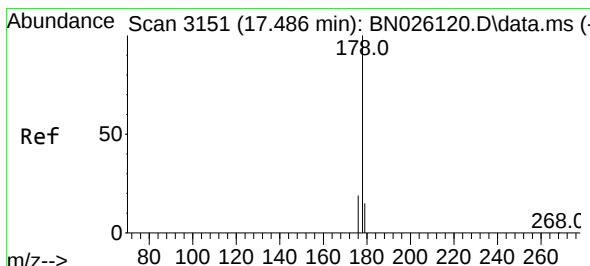
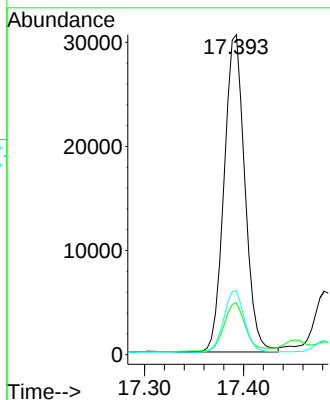
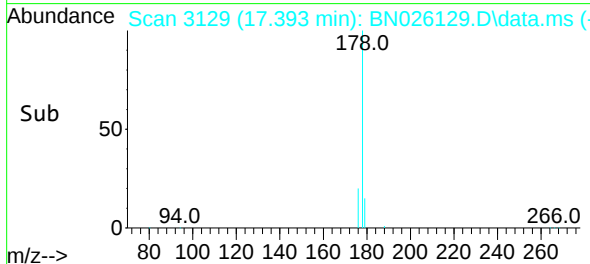
Instrument :
BNA_N
ClientSampleId :
DCFZ0



Tgt Ion:178 Resp: 44245
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.0 15.8 23.6

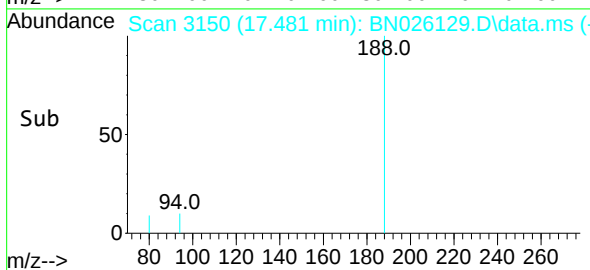
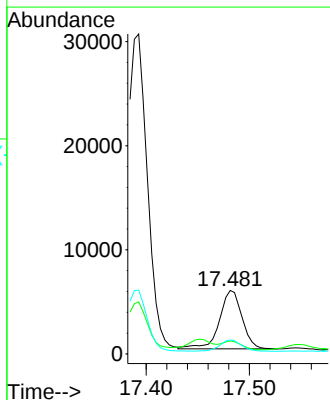
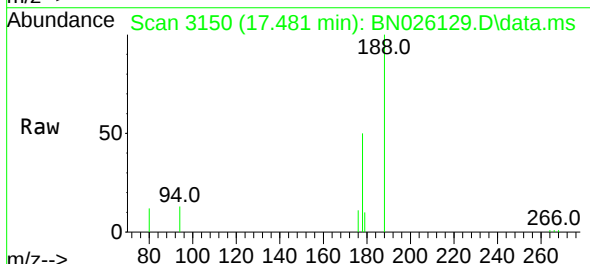
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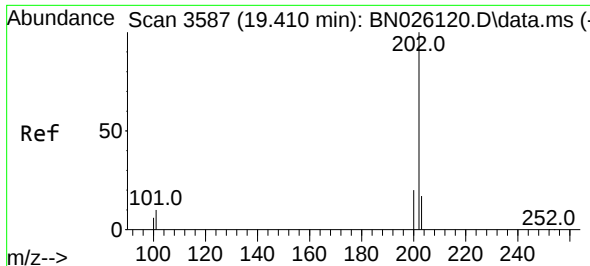
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 0.082 ng/u1
RT: 17.481 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

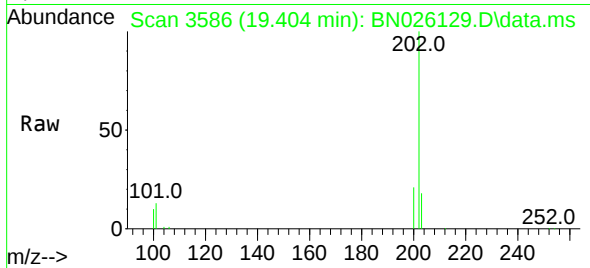
Tgt Ion:178 Resp: 8513
Ion Ratio Lower Upper
178 100
179 20.4 12.6 18.8#
176 22.1 15.1 22.7





#19
Fluoranthene
Concen: 1.252 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.010 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

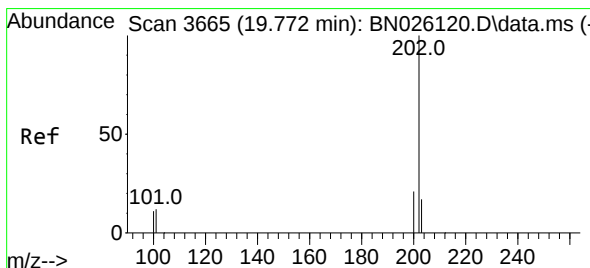
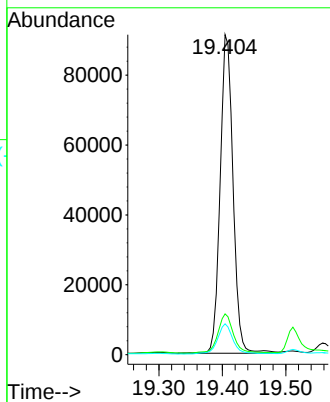
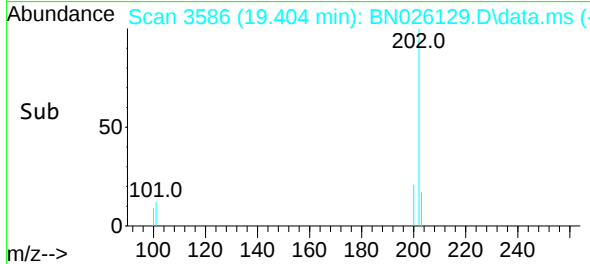
Instrument :
BNA_N
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Tgt Ion:202 Resp: 128772
Ion Ratio Lower Upper
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101 12.7 9.5 14.3
100 9.6 7.3 10.9

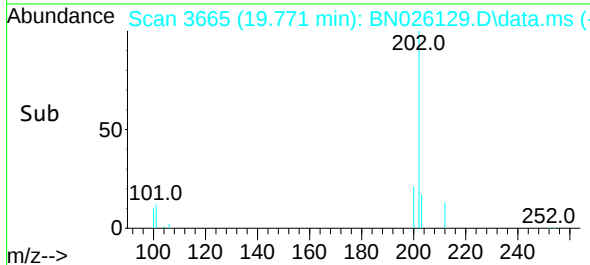
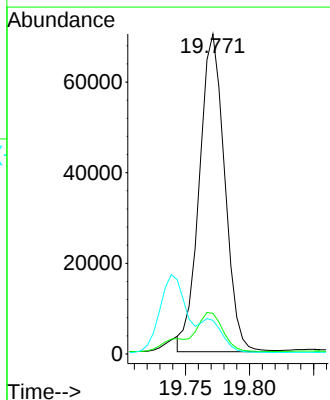
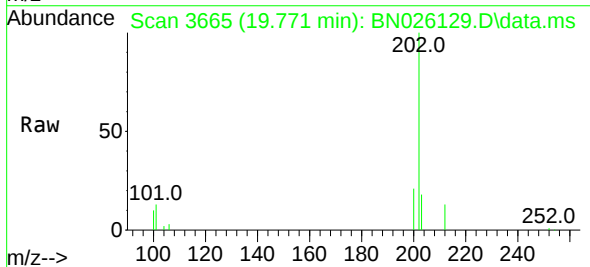
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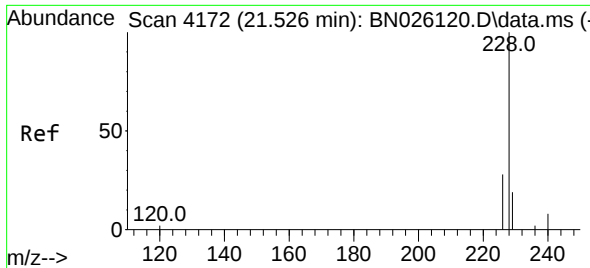
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#20
Pyrene
Concen: 0.902 ng/ul m
RT: 19.771 min Scan# 3665
Delta R.T. -0.006 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

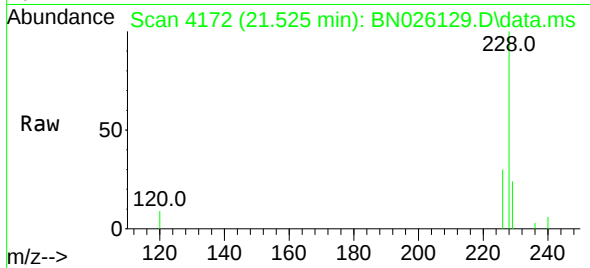
Tgt Ion:202 Resp: 96434
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.619 ng/ul
RT: 21.525 min Scan# 4172
Delta R.T. -0.004 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

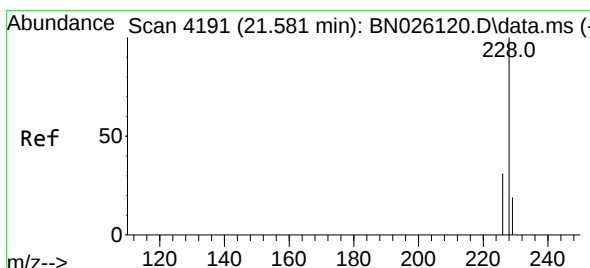
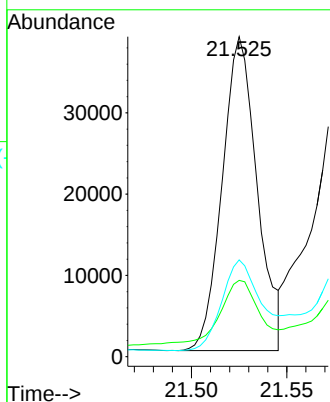
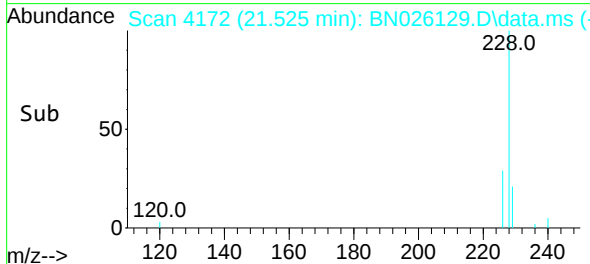
Instrument :
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Tgt Ion:228 Resp: 49195
Ion Ratio Lower Upper
228 100
229 23.8 15.8 23.6
226 30.2 22.5 33.7

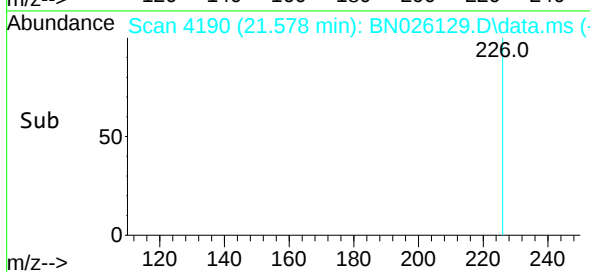
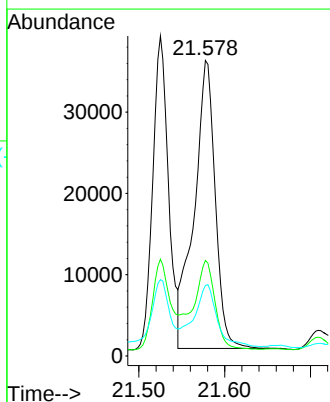
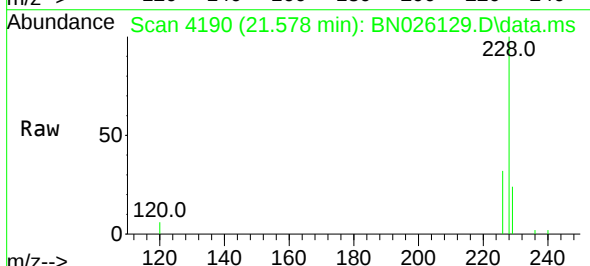
Manual Integrations
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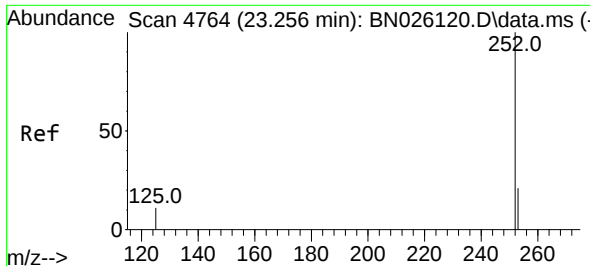
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#22
Chrysene
Concen: 0.734 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. -0.001 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

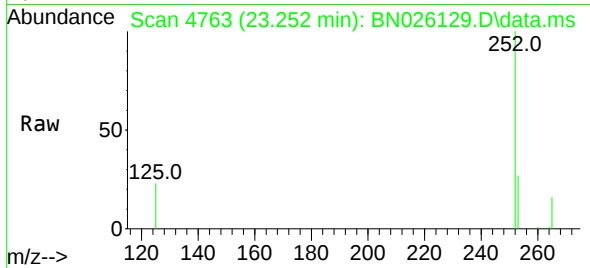
Tgt Ion:228 Resp: 60678
Ion Ratio Lower Upper
228 100
226 32.3 24.8 37.2
229 23.8 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 1.053 ng/ul m
RT: 23.252 min Scan# 4763
Delta R.T. -0.001 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

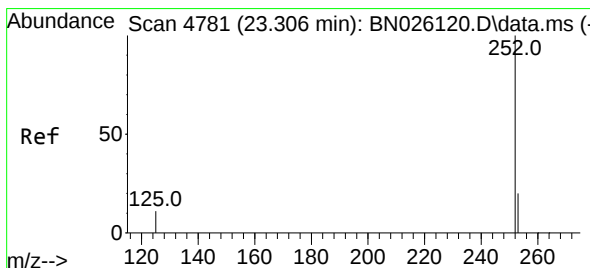
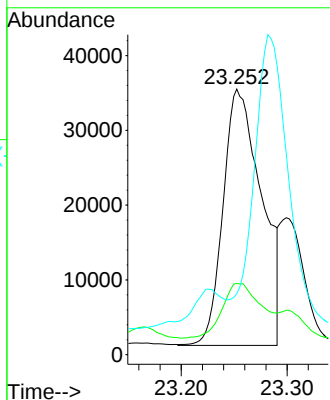
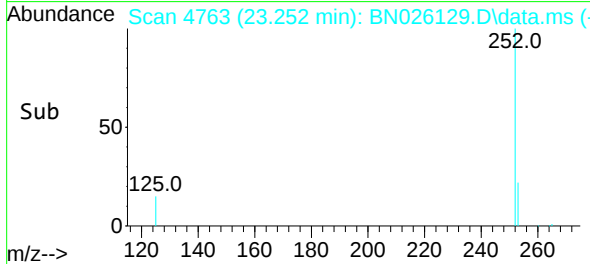
Instrument :
BNA_N
ClientSampleId :
DCFZ0



Tgt Ion:252 Resp: 8668
Ion Ratio Lower Upper
252 100
253 26.8 0.0 55.6
125 23.0 0.0 35.8

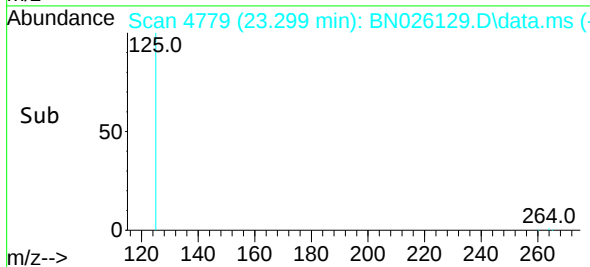
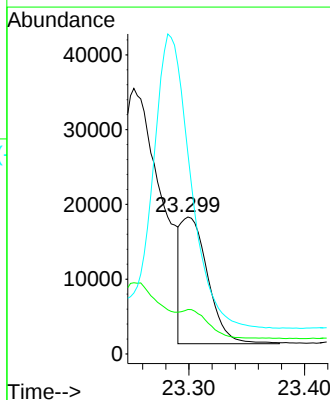
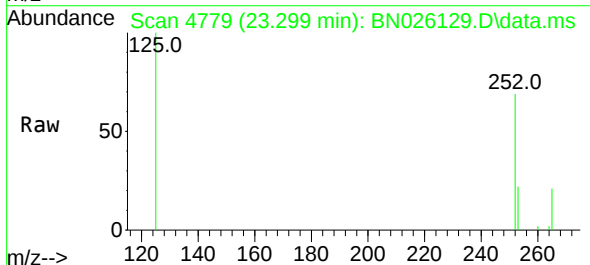
Manual Integrations
APPROVED

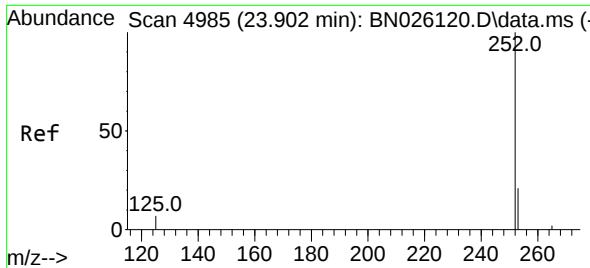
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 0.332 ng/ul m
RT: 23.299 min Scan# 4779
Delta R.T. -0.004 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

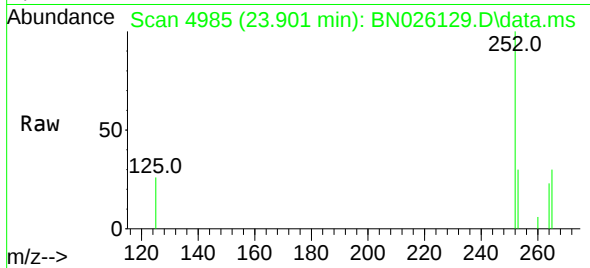
Tgt Ion:252 Resp: 27466
Ion Ratio Lower Upper
252 100
253 32.5 23.2 34.8
125 145.9 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.572 ng/ul
RT: 23.901 min Scan# 4985
Delta R.T. -0.004 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

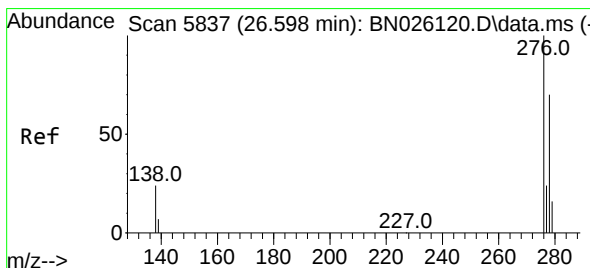
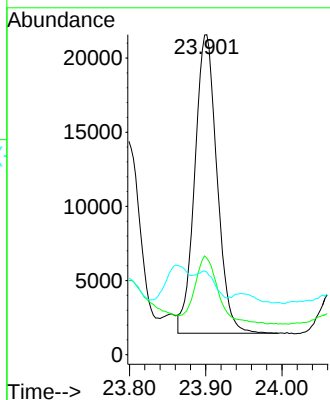
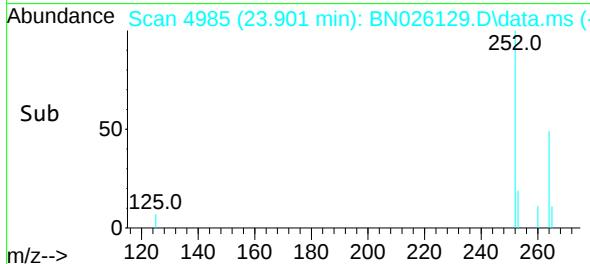
Instrument :
BNA_N
ClientSampleId :
DCFZ0



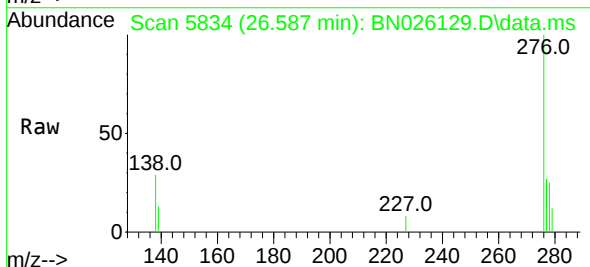
Tgt Ion:252 Resp: 40884
Ion Ratio Lower Upper
252 100
253 30.1 26.0 39.0
125 25.8 17.3 25.9

Manual Integrations
APPROVED

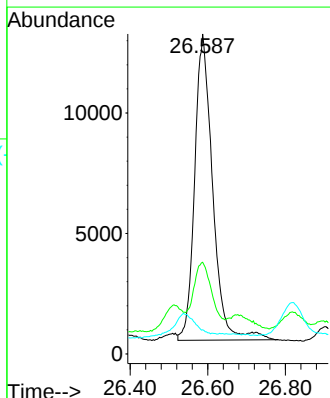
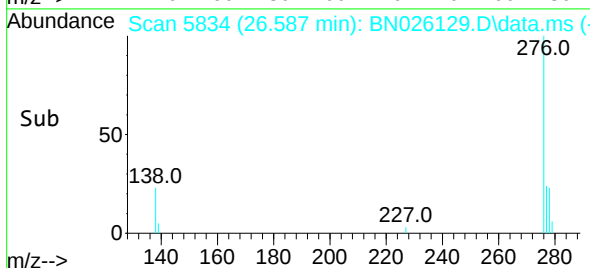
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

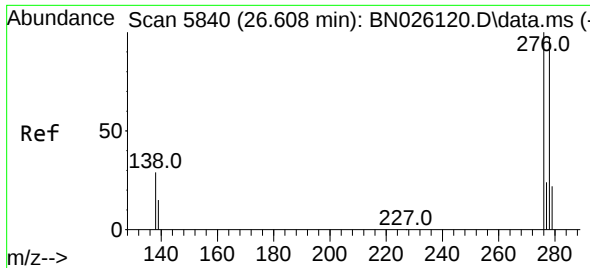


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.522 ng/ul
RT: 26.587 min Scan# 5834
Delta R.T. -0.008 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56



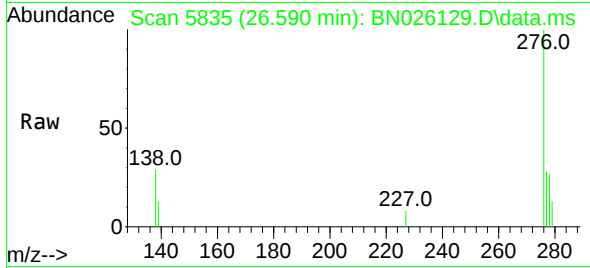
Tgt Ion:276 Resp: 40775
Ion Ratio Lower Upper
276 100
138 18.5 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.199 ng/ul
RT: 26.590 min Scan# 5835
Delta R.T. -0.024 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56

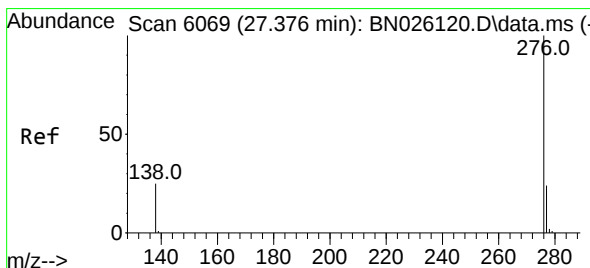
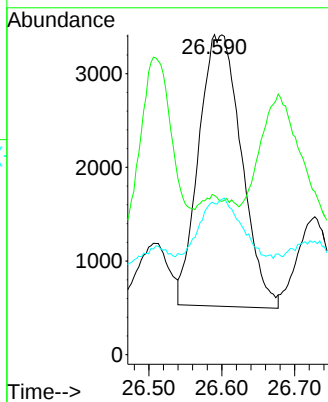
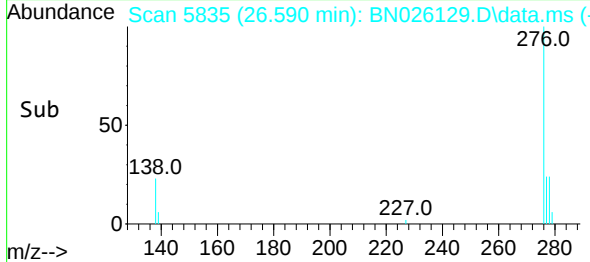
Instrument :
BNA_N
ClientSampleId :
DCFZ0



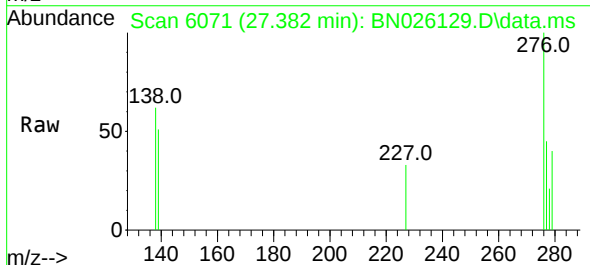
Tgt Ion:278 Resp: 1178
Ion Ratio Lower Upper
278 100
139 49.8 19.0 28.4
279 47.2 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul m
RT: 27.382 min Scan# 6071
Delta R.T. -0.004 min
Lab File: BN026129.D
Acq: 30 Jun 2023 13:56



Tgt Ion:276 Resp: 6864
Ion Ratio Lower Upper
276 100
138 62.4 23.4 35.0#
277 45.0 20.0 30.0#

