

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026151.D
 Acq On : 01 Jul 2023 14:49
 Operator : MA/JU
 Sample : 03239-01DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFX9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 01 22:35:08 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	9850	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	32072	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.599	164	18853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.348	188	36020	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	20127	0.400	ng/ul	# 0.00
23) Perylene-d12	23.988	264	19850	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	2902	0.262	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	837	0.017	ng/ul	0.00
18) Fluoranthene-d10	19.374	212	1564	0.020	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.820	128	6730	0.073	ng/ul	96
7) 2-Methylnaphthalene	12.436	142	5376	0.092	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	4553	0.075	ng/ul	98
10) Acenaphthylene	14.321	152	7302	0.083	ng/ul#	94
11) Acenaphthene	14.664	153	2752	0.038	ng/ul	97
12) Fluorene	15.649	166	2465	0.030	ng/ul#	96
15) Phenanthrene	17.390	178	76718	0.645	ng/ul	99
16) Anthracene	17.479	178	13131	0.124	ng/ul#	95
19) Fluoranthene	19.406	202	224881	2.092	ng/ul	97
20) Pyrene	19.769	202	177834	1.590	ng/ul	96
21) Benzo(a)anthracene	21.521	228	81570	0.982	ng/ul	97
22) Chrysene	21.574	228	99650	1.153	ng/ul	97
24) Benzo(b)fluoranthene	23.240	252	160052m	1.889	ng/ul	
25) Benzo(k)fluoranthene	23.284	252	51225m	0.602	ng/ul	
26) Benzo(a)pyrene	23.877	252	81483	1.107	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.545	276	73219	0.911	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.555	278	18038	0.297	ng/ul	95
29) Benzo(g,h,i)perylene	27.340	276	12454	0.174	ng/ul#	88

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

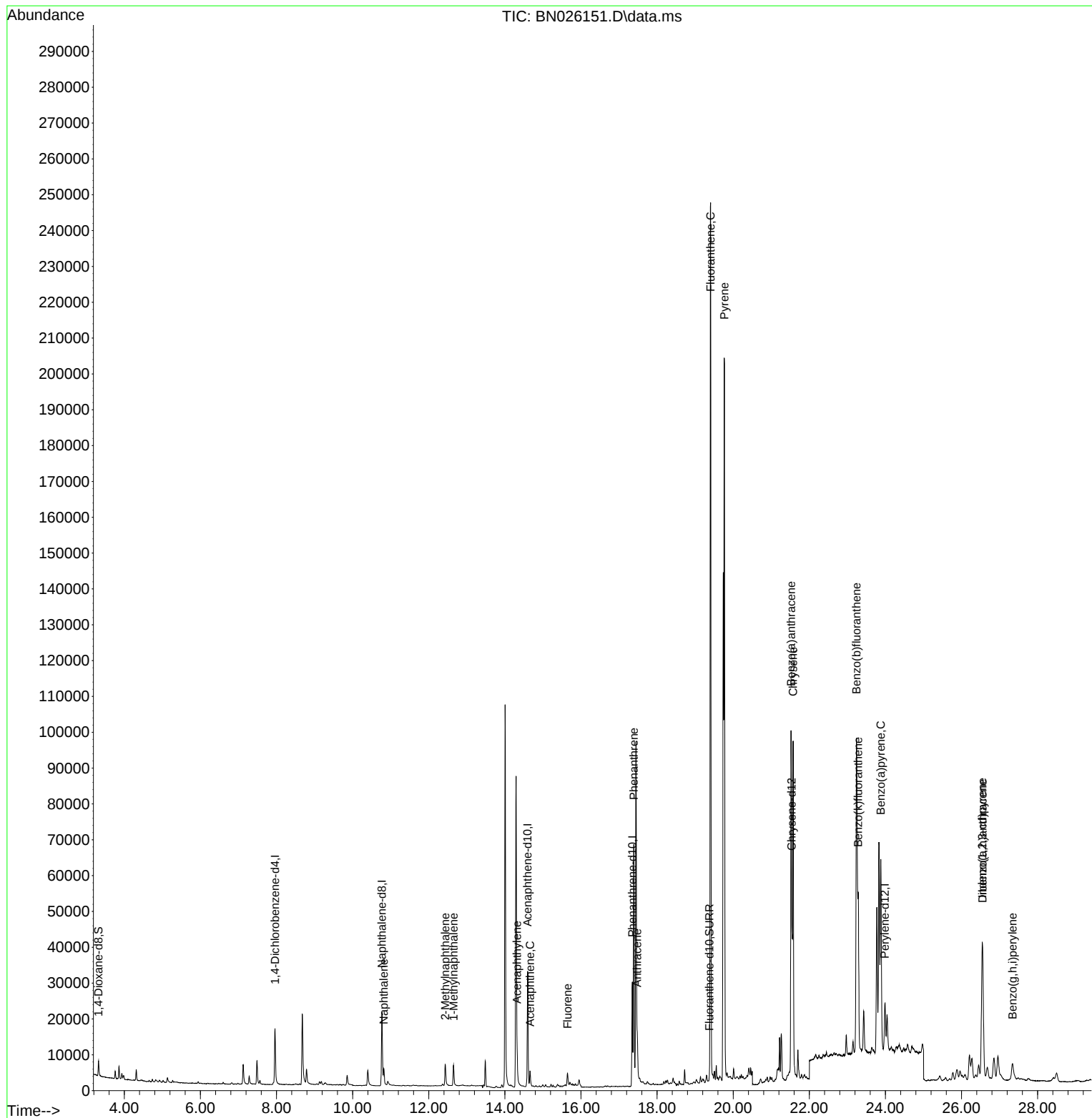
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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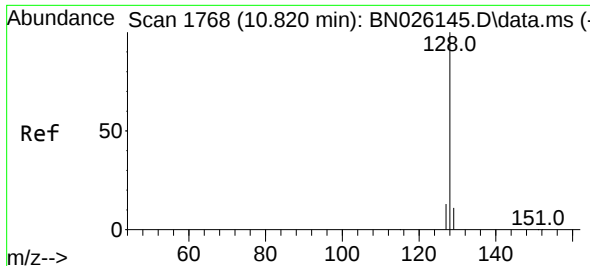
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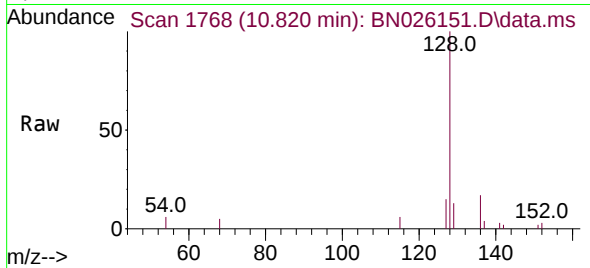
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

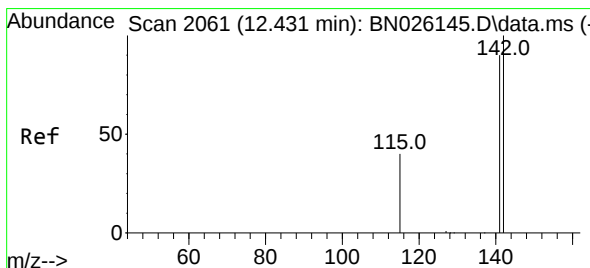
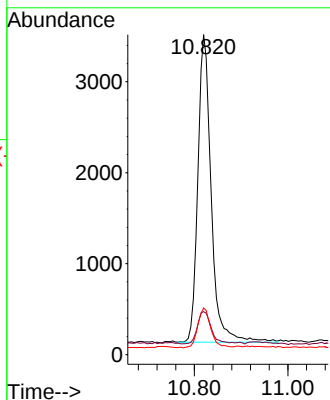
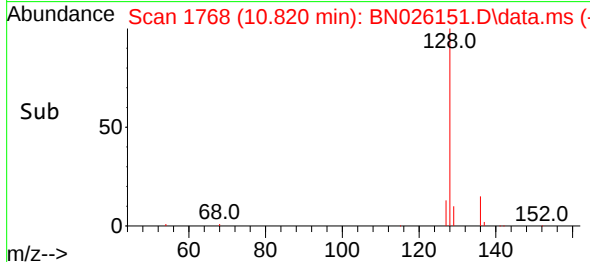
Instrument :
BNA_N
ClientSampleId :
DCFX9DL



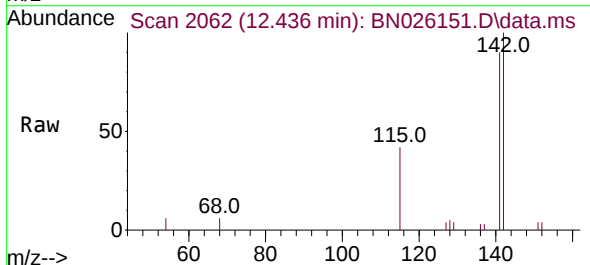
Tgt Ion:128 Resp: 6730
Ion Ratio Lower Upper
128 100
129 13.4 9.1 13.7
127 14.6 10.7 16.1

Manual Integrations
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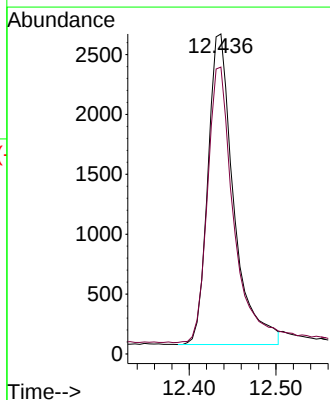
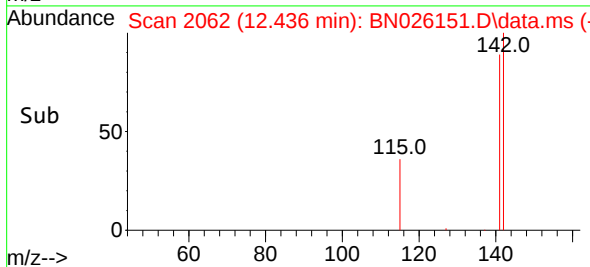
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

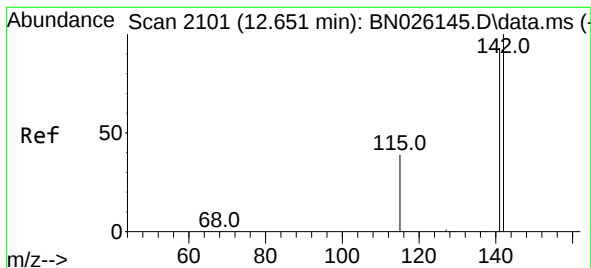


#7
2-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49



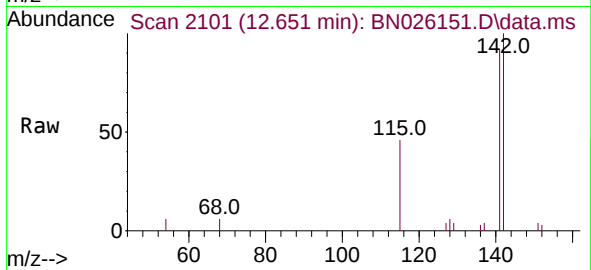
Tgt Ion:142 Resp: 5376
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

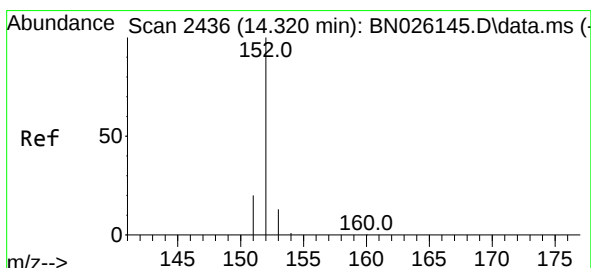
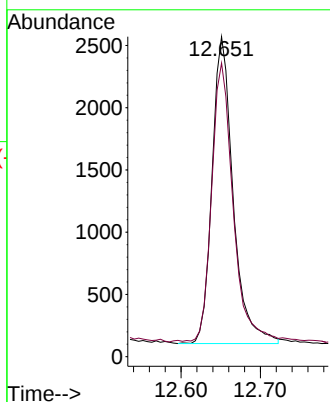
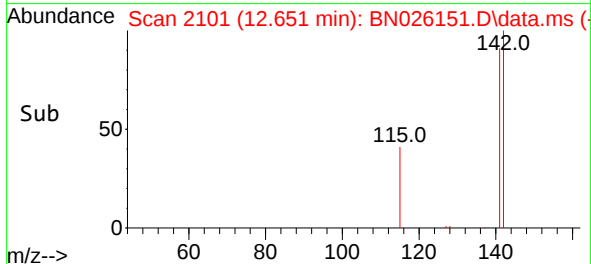
Instrument :
BNA_N
ClientSampleId :
DCFX9DL



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Ion Ratio Lower Upper
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141 91.3 74.2 111.4

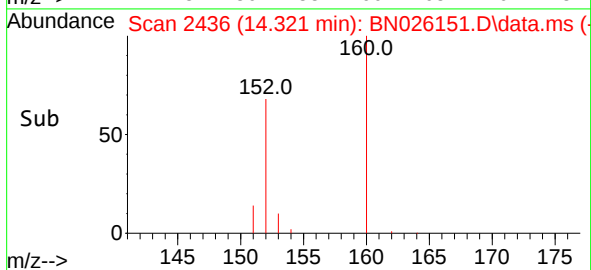
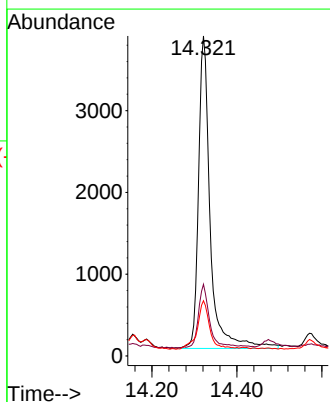
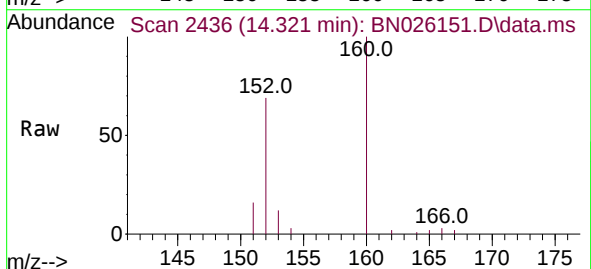
Manual Integrations
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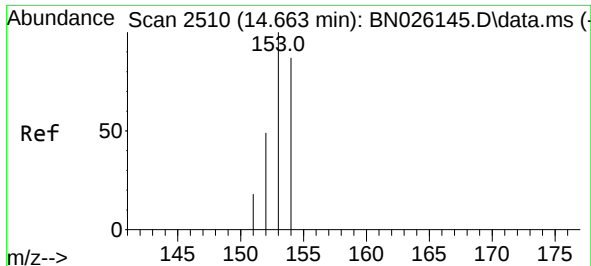
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 14.321 min Scan# 2436
Delta R.T. -0.004 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

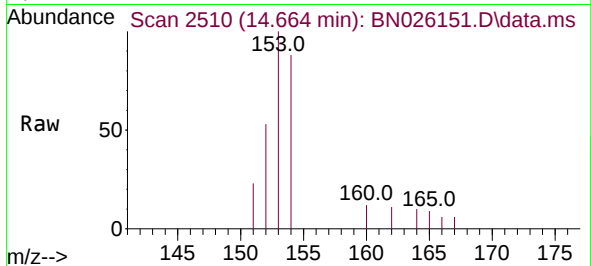
Tgt Ion:152 Resp: 7302
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.4
153 17.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.664 min Scan# 210
Delta R.T. -0.004 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

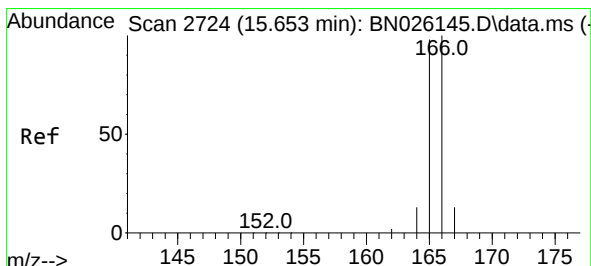
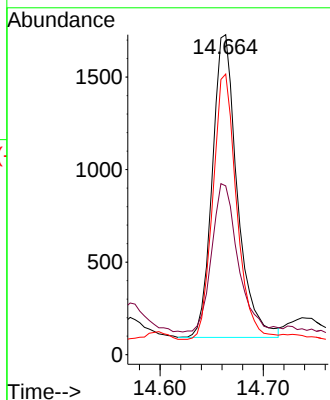
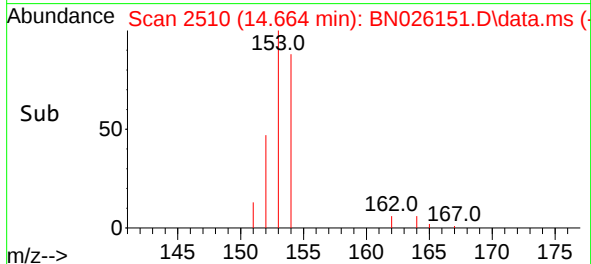
Instrument :
BNA_N
ClientSampleId :
DCFX9DL



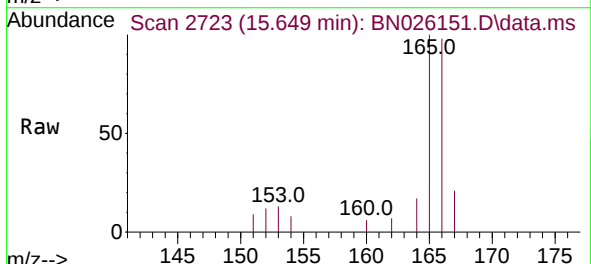
Tgt Ion:153 Resp: 2752
Ion Ratio Lower Upper
153 100
152 52.7 39.4 59.0
154 87.7 68.9 103.3

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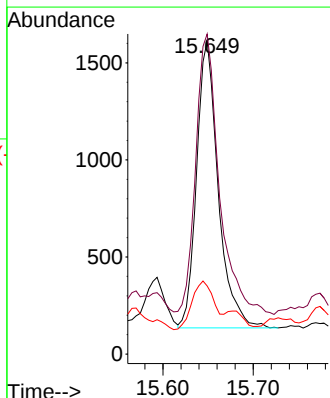
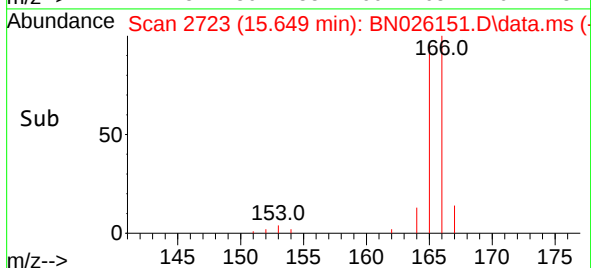
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

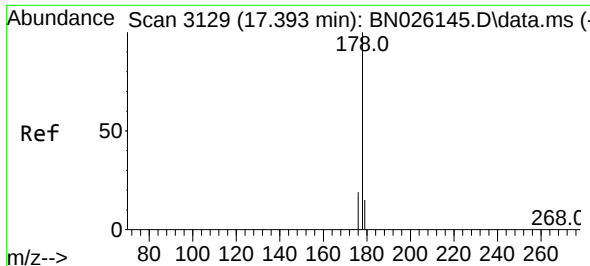


#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.649 min Scan# 2723
Delta R.T. -0.004 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49



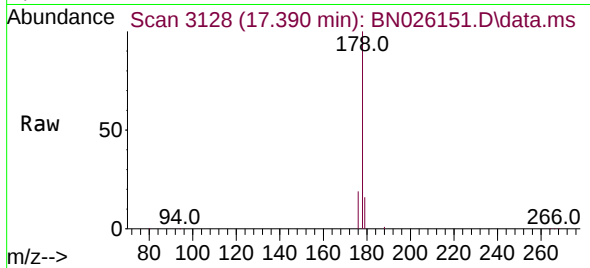
Tgt Ion:166 Resp: 2465
Ion Ratio Lower Upper
166 100
165 102.2 79.9 119.9
167 21.7 10.8 16.2#





#15
Phenanthrene
Concen: 0.645 ng/u1
RT: 17.390 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

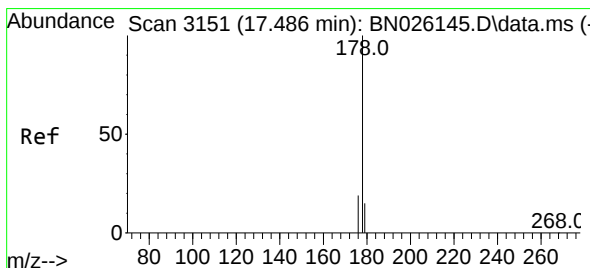
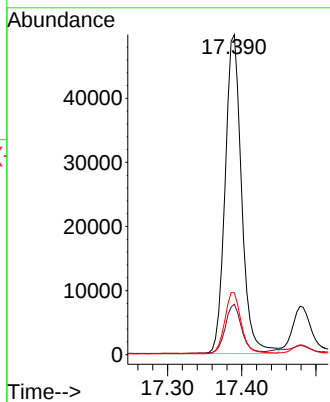
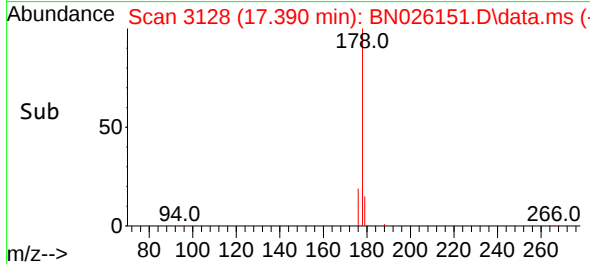
Instrument :
BNA_N
ClientSampleId :
DCFX9DL



Tgt Ion:178 Resp: 76718
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.3 15.8 23.6

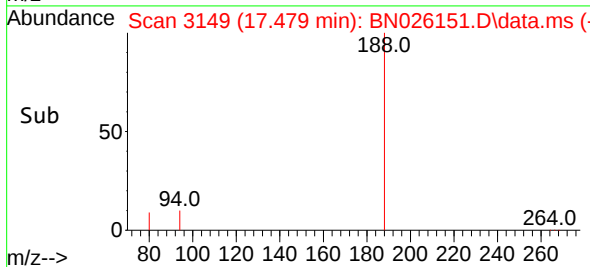
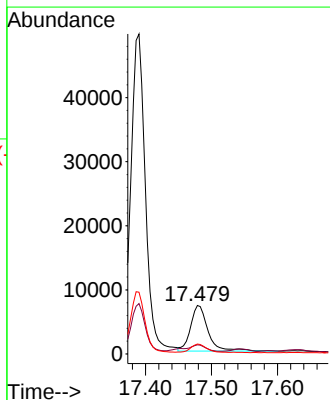
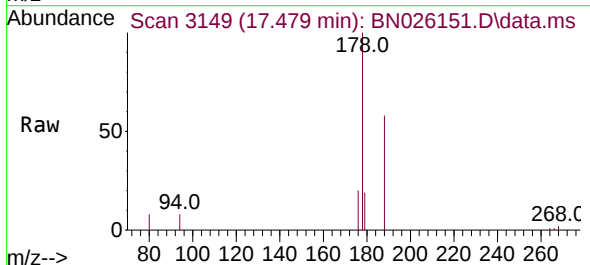
Manual Integrations
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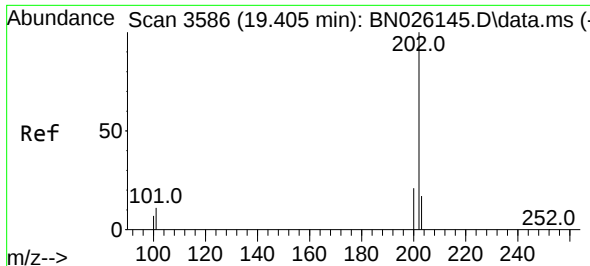
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.124 ng/u1
RT: 17.479 min Scan# 3149
Delta R.T. -0.008 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

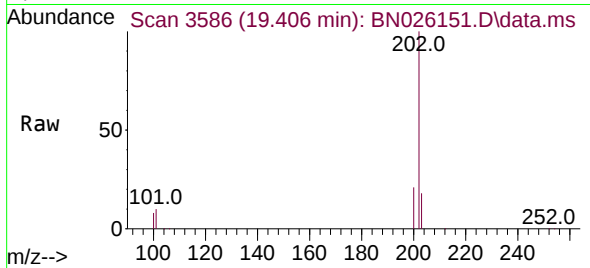
Tgt Ion:178 Resp: 13131
Ion Ratio Lower Upper
178 100
179 19.0 12.6 18.8#
176 20.5 15.1 22.7





#19
Fluoranthene
Concen: 2.092 ng/ul
RT: 19.406 min Scan# 3586
Delta R.T. -0.004 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

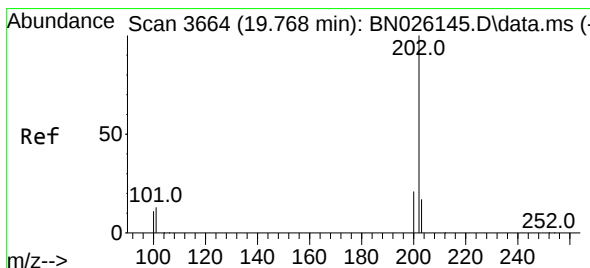
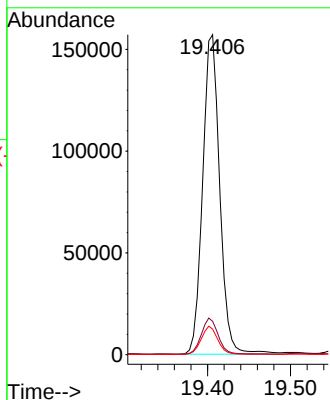
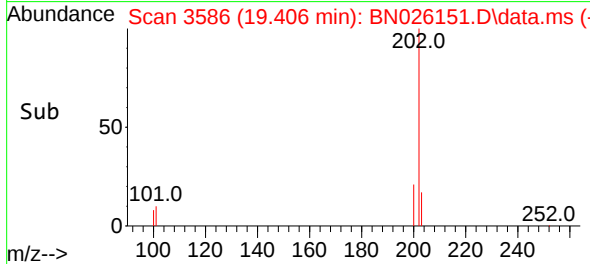
Instrument :
BNA_N
ClientSampleId :
DCFX9DL



Tgt Ion:202 Resp: 22488
Ion Ratio Lower Upper
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101 10.5 9.5 14.3
100 8.0 7.3 10.9

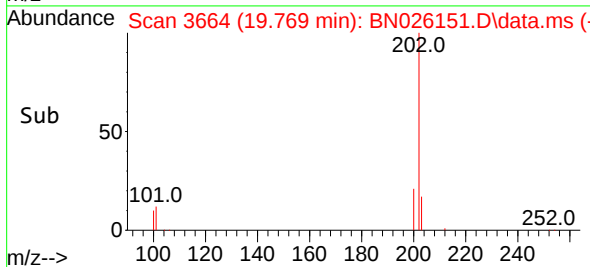
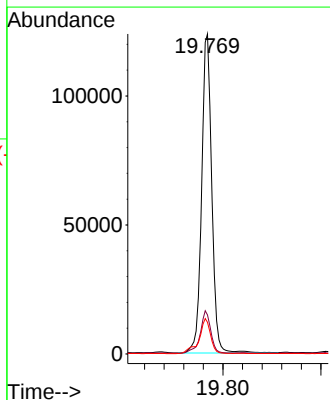
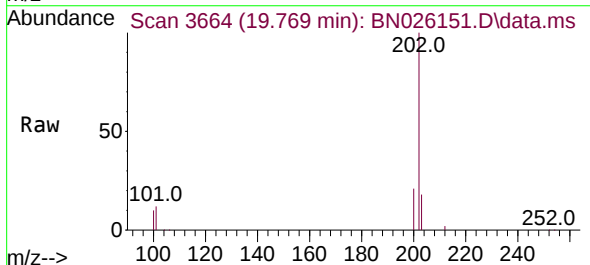
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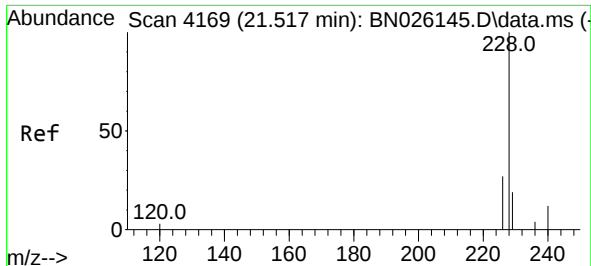
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 1.590 ng/ul
RT: 19.769 min Scan# 3664
Delta R.T. -0.004 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

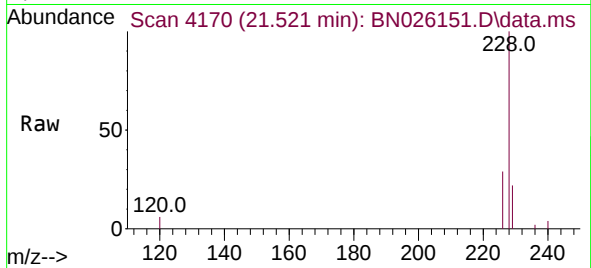
Tgt Ion:202 Resp: 177834
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 9.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.982 ng/ul
RT: 21.521 min Scan# 4169
Delta R.T. -0.006 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

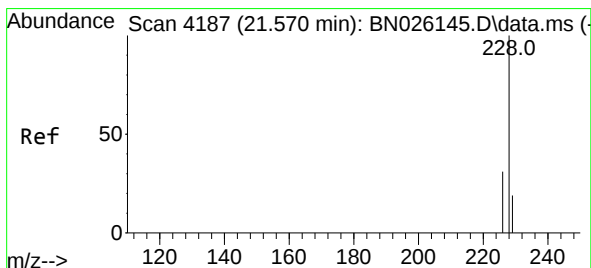
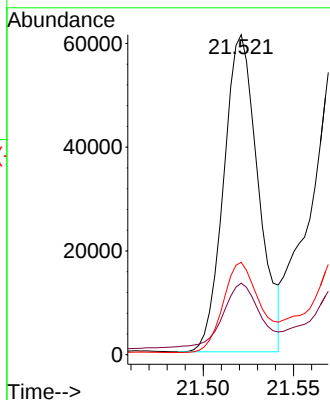
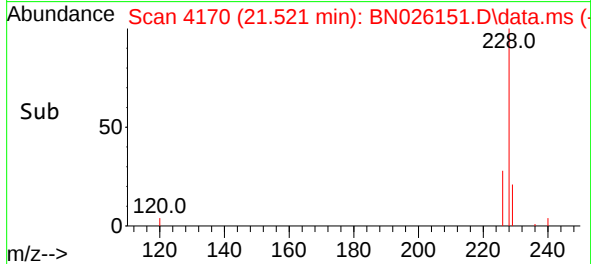
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 81570
Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.6
226 28.9 22.5 33.7

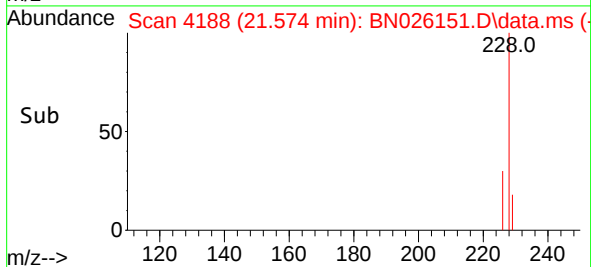
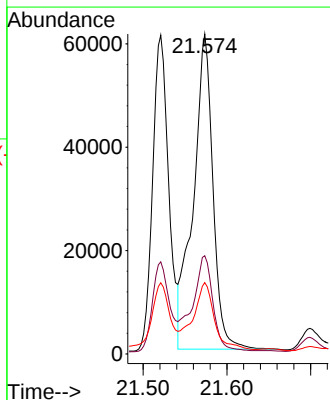
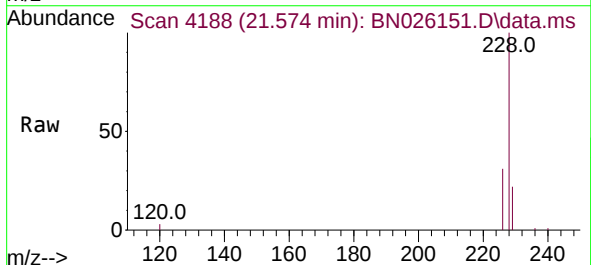
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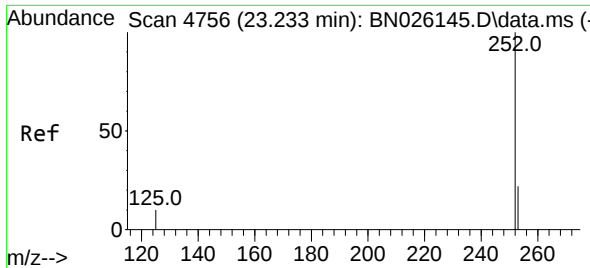
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 1.153 ng/ul
RT: 21.574 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

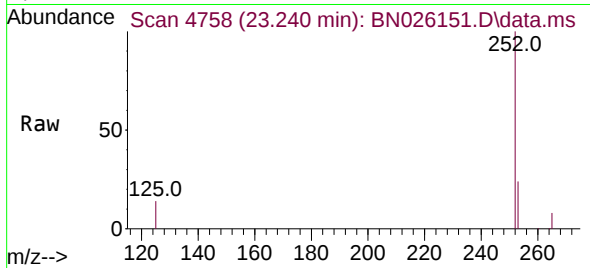
Tgt Ion:228 Resp: 99650
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.889 ng/ul m
RT: 23.240 min Scan# 4756
Delta R.T. -0.003 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

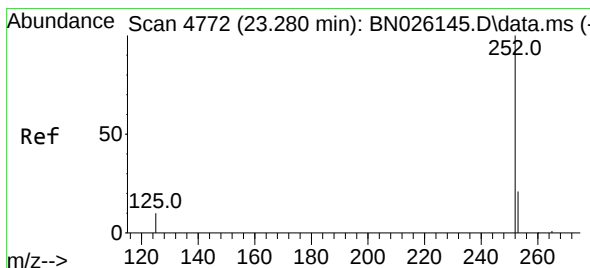
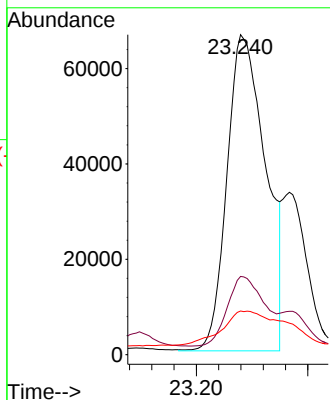
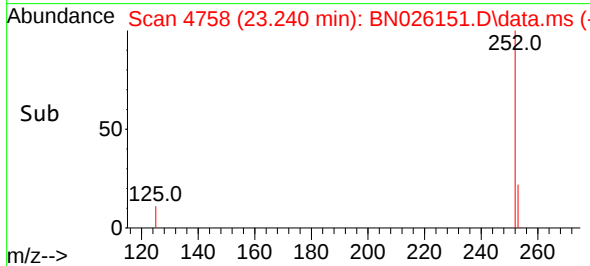
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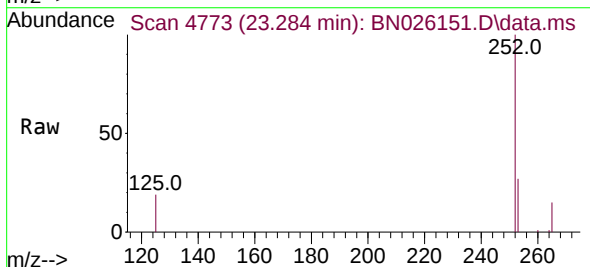
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Ion Ratio Lower Upper
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253 24.5 0.0 55.6
125 13.6 0.0 35.8

Manual Integrations
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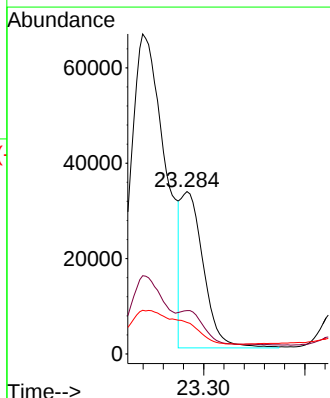
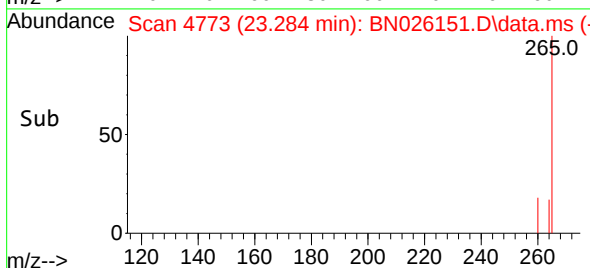
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

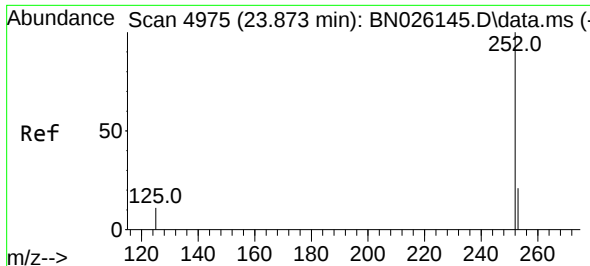


#25
Benzo(k)fluoranthene
Concen: 0.602 ng/ul m
RT: 23.284 min Scan# 4773
Delta R.T. -0.009 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49



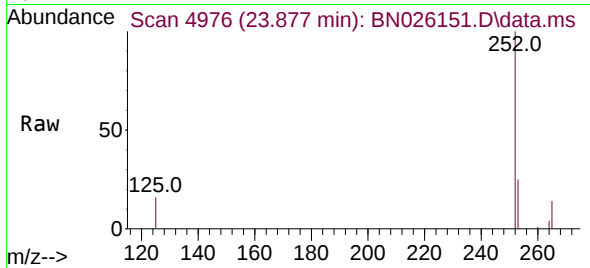
Tgt Ion:252 Resp: 51225
Ion Ratio Lower Upper
252 100
253 26.7 23.2 34.8
125 19.4 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.107 ng/ul
RT: 23.877 min Scan# 4975
Delta R.T. -0.009 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

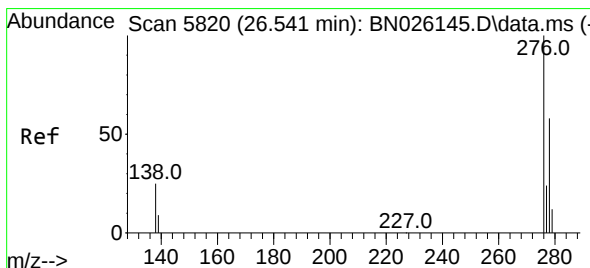
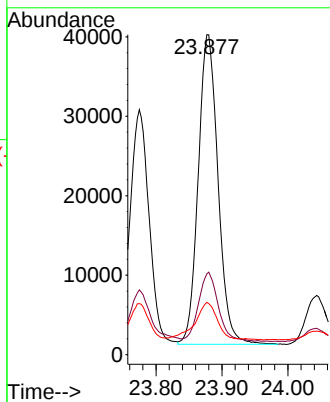
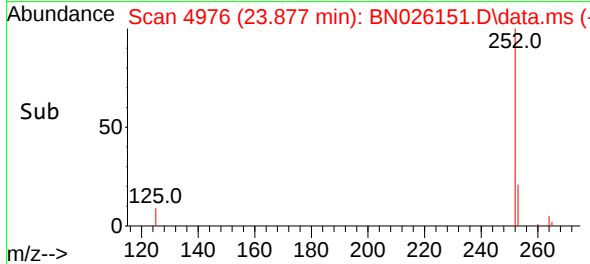
Instrument :
BNA_N
ClientSampleId :
DCFX9DL



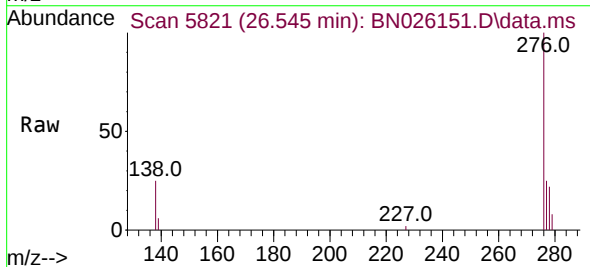
Tgt Ion:252 Resp: 81483
Ion Ratio Lower Upper
252 100
253 25.3 26.0 39.0
125 16.3 17.3 25.9

Manual Integrations
APPROVED

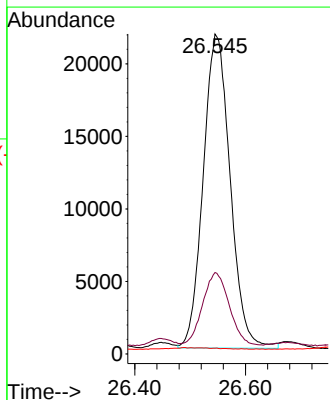
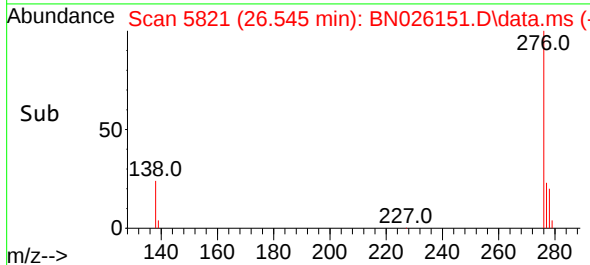
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

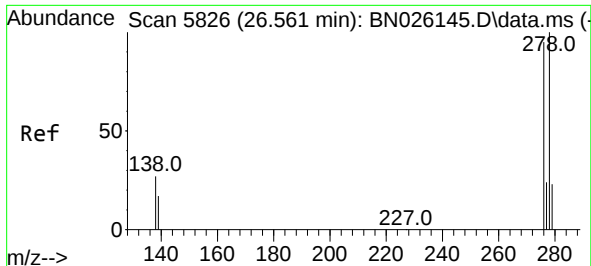


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.911 ng/ul
RT: 26.545 min Scan# 5821
Delta R.T. -0.013 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49



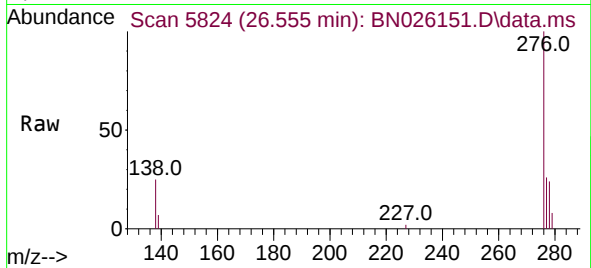
Tgt Ion:276 Resp: 73219
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 26.555 min Scan# 5824
Delta R.T. -0.023 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49

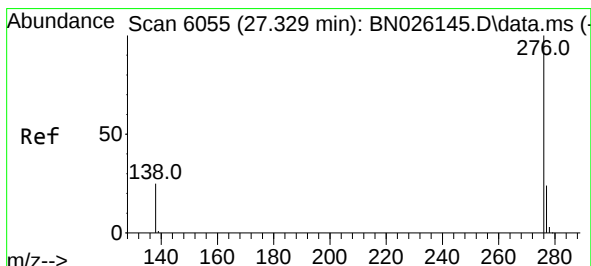
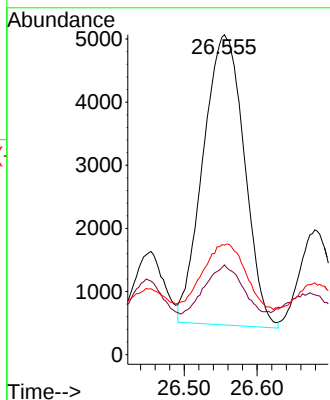
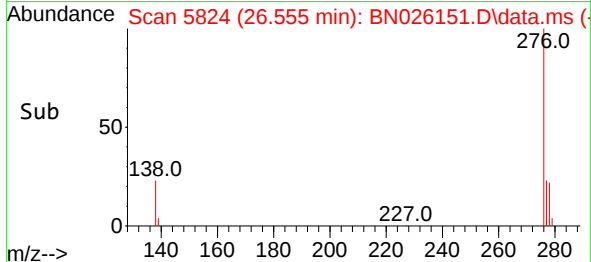
Instrument :
BNA_N
ClientSampleId :
DCFX9DL



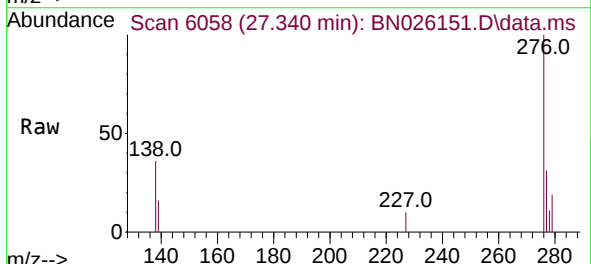
Tgt Ion:278 Resp: 18038
Ion Ratio Lower Upper
278 100
139 28.1 19.0 28.4
279 34.2 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#29
Benzo(g,h,i)perylene
Concen: 0.174 ng/ul
RT: 27.340 min Scan# 6058
Delta R.T. -0.007 min
Lab File: BN026151.D
Acq: 01 Jul 2023 14:49



Tgt Ion:276 Resp: 12454
Ion Ratio Lower Upper
276 100
138 35.9 23.4 35.0#
277 30.7 20.0 30.0#

