

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026156.D
 Acq On : 01 Jul 2023 17:52
 Operator : MA/JU
 Sample : 03239-06DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFY4DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 22:35:58 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	9884	0.400	ng/ul	0.00
4) Naphthalene-d8	10.769	136	32438	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	18069	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.346	188	33531	0.400	ng/ul	0.00
17) Chrysene-d12	21.534	240	17763	0.400	ng/ul	0.00
23) Perylene-d12	24.004	264	19095	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	3393	0.305	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	1033	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	1706	0.025	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.818	128	8677	0.093	ng/ul	96
7) 2-Methylnaphthalene	12.435	142	2794	0.047	ng/ul	100
8) 1-Methylnaphthalene	12.655	142	1848	0.030	ng/ul	99
10) Acenaphthylene	14.320	152	10972	0.130	ng/ul	97
11) Acenaphthene	14.662	153	4405	0.064	ng/ul	99
12) Fluorene	15.648	166	4429	0.056	ng/ul#	98
15) Phenanthrene	17.389	178	77422	0.699	ng/ul	99
16) Anthracene	17.481	178	21070	0.214	ng/ul	97
19) Fluoranthene	19.404	202	183497	1.934	ng/ul	97
20) Pyrene	19.767	202	109747m	1.112	ng/ul	
21) Benzo(a)anthracene	21.516	228	76191	1.040	ng/ul	98
22) Chrysene	21.575	228	79863	1.047	ng/ul	98
24) Benzo(b)fluoranthene	23.247	252	121105m	1.486	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	47232m	0.577	ng/ul	
26) Benzo(a)pyrene	23.884	252	37885	0.535	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.567	276	40907	0.529	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.577	278	15295	0.261	ng/ul	92
29) Benzo(g,h,i)perylene	27.361	276	2640	0.038	ng/ul#	47

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

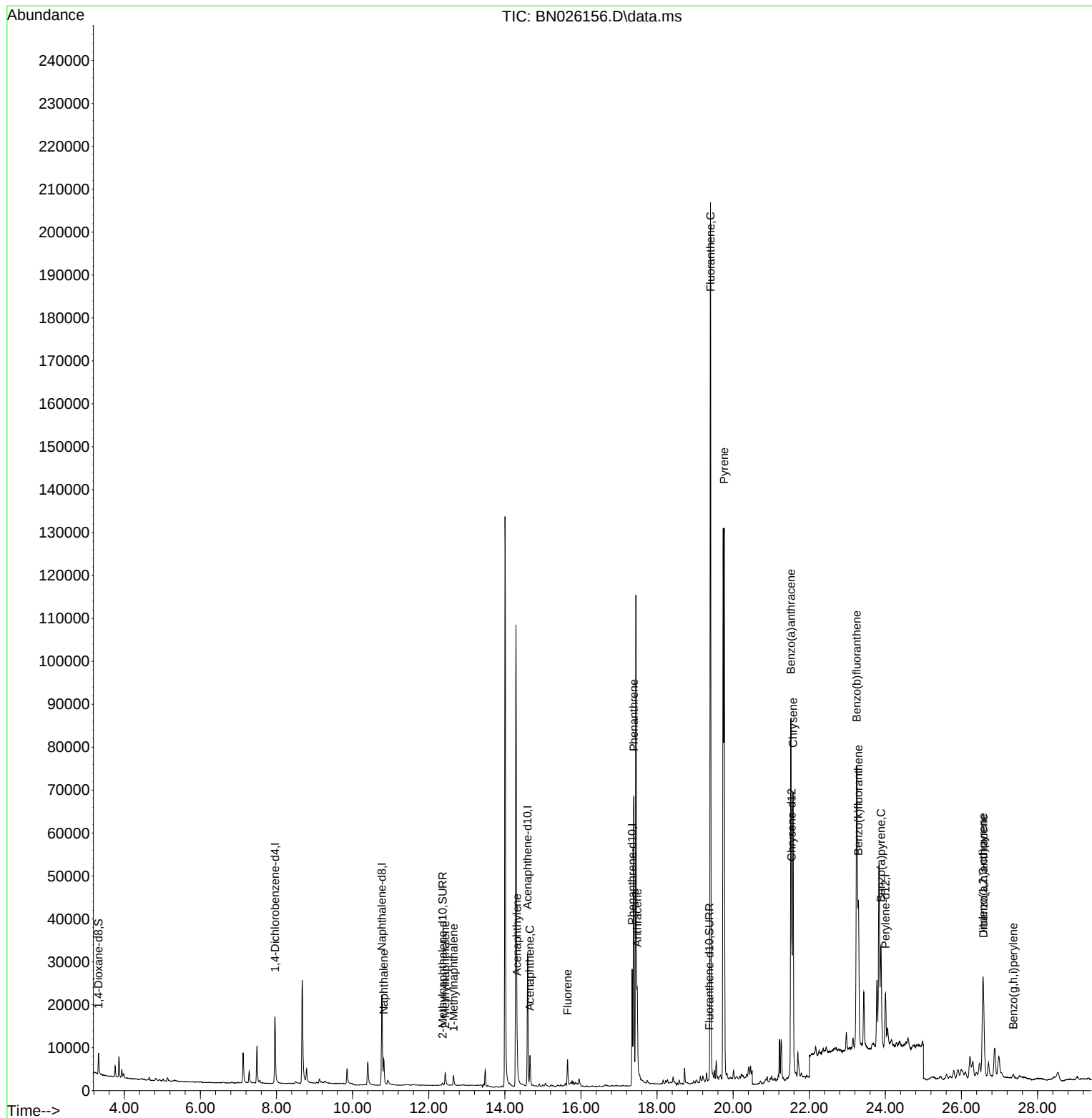
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026156.D
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Sample : 03239-06DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

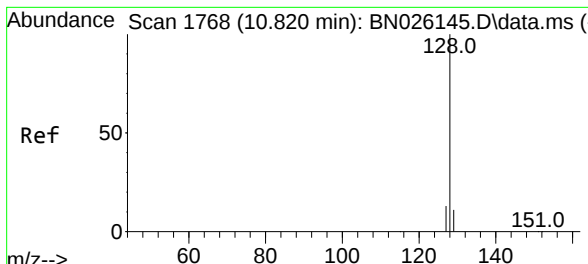
Instrument :
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Quant Time: Jul 01 22:35:58 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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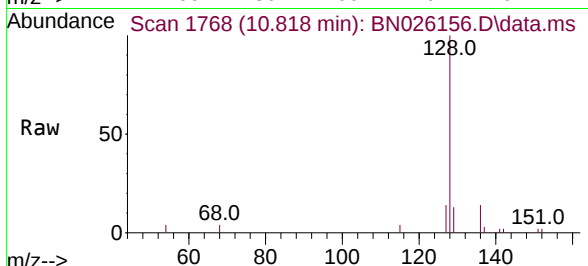
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.093 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. -0.007 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

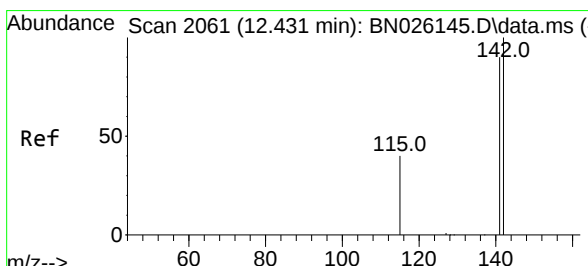
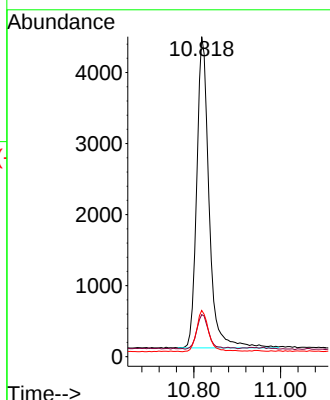
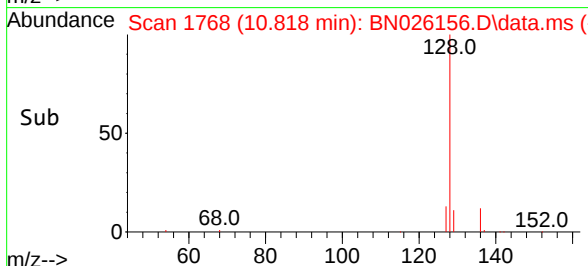
Instrument :
BNA_N
ClientSampleId :
DCFY4DL



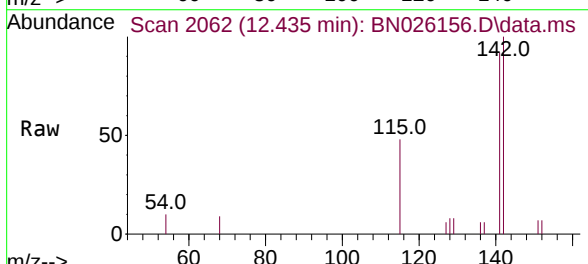
Tgt Ion:128 Resp: 867
Ion Ratio Lower Upper
128 100
129 13.1 9.1 13.7
127 14.5 10.7 16.1

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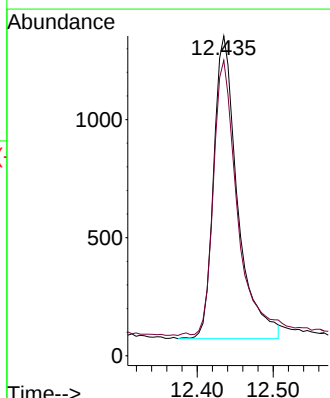
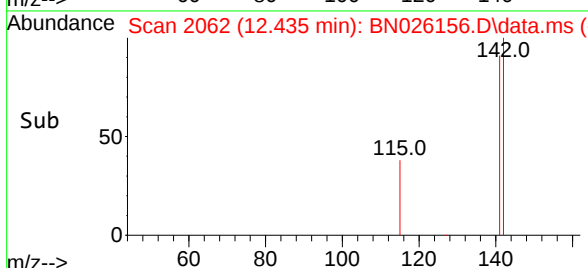
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

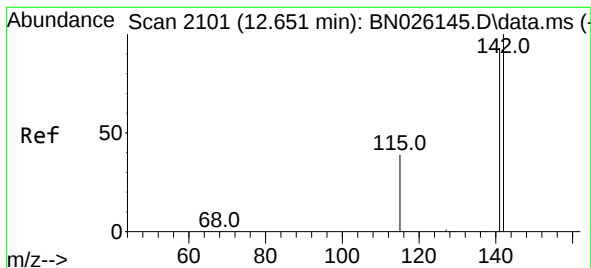


#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.435 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52



Tgt Ion:142 Resp: 2794
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.655 min Scan# 2101

Delta R.T. 0.004 min

Lab File: BN026156.D

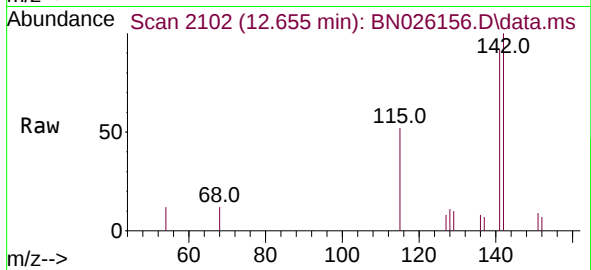
Acq: 01 Jul 2023 17:52

Instrument :

BNA_N

ClientSampleId :

DCFY4DL



Tgt Ion:142 Resp: 184

Ion Ratio Lower Upper

142 100

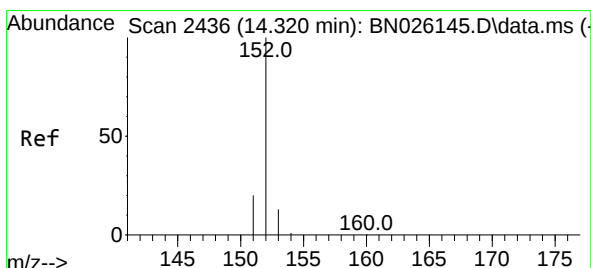
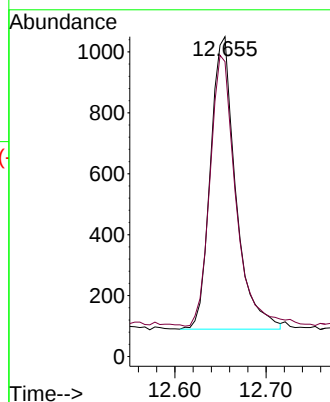
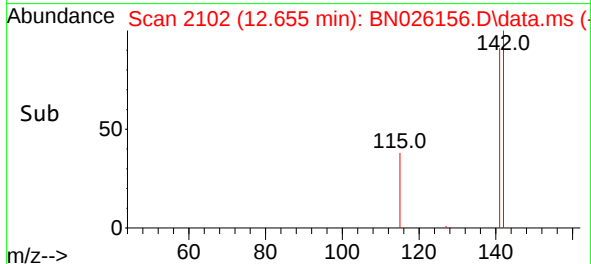
141 93.8 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#10

Acenaphthylene

Concen: 0.130 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BN026156.D

Acq: 01 Jul 2023 17:52

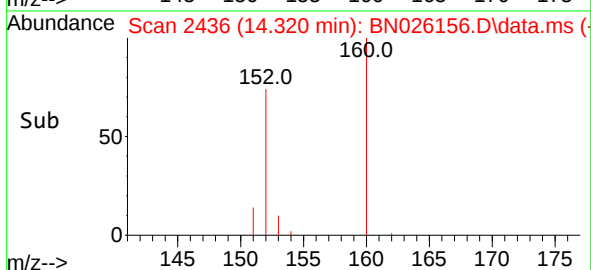
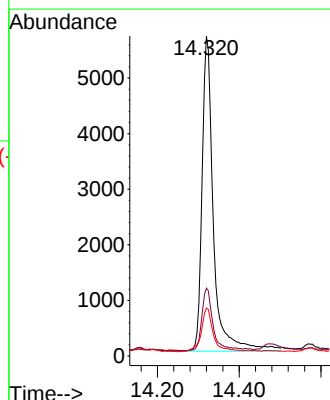
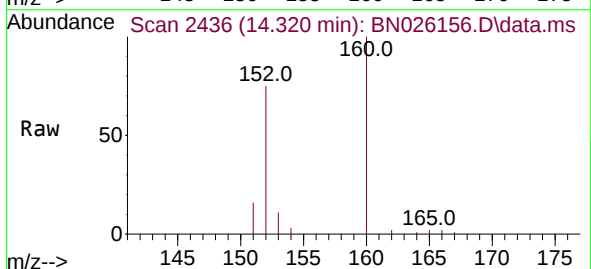
Tgt Ion:152 Resp: 10972

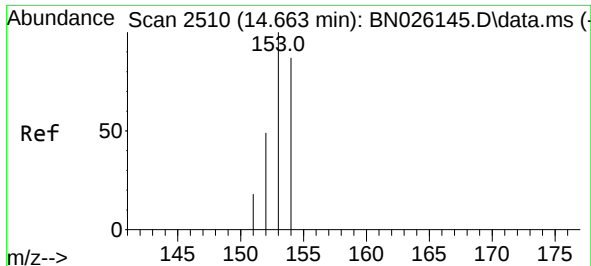
Ion Ratio Lower Upper

152 100

151 21.2 16.2 24.4

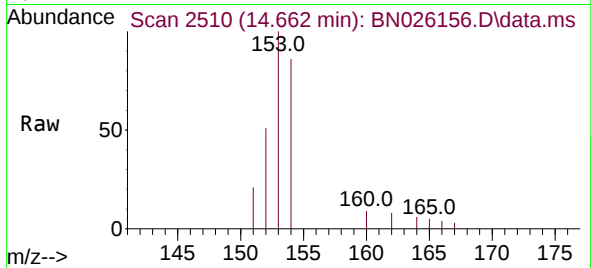
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.662 min Scan# 2510
Delta R.T. -0.006 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

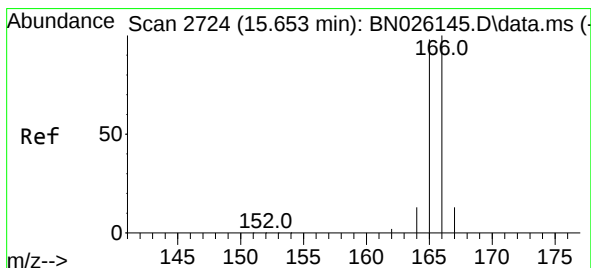
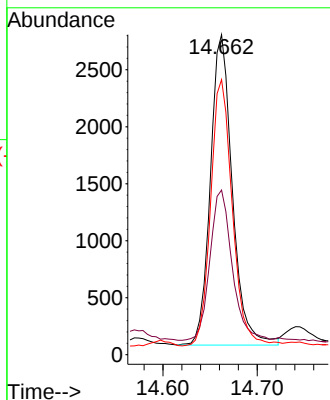
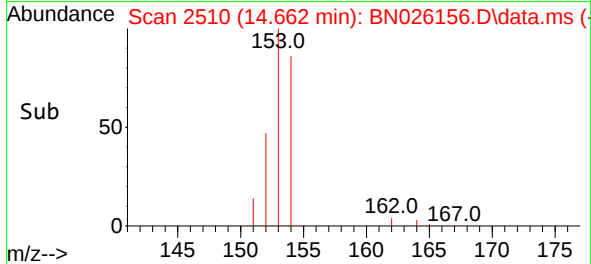
Instrument :
BNA_N
ClientSampleId :
DCFY4DL



Tgt Ion:153 Resp: 4409
Ion Ratio Lower Upper
153 100
152 51.5 39.4 59.0
154 86.0 68.9 103.3

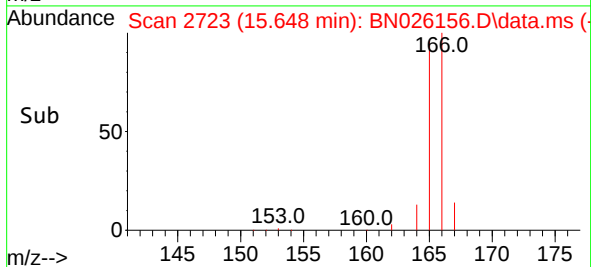
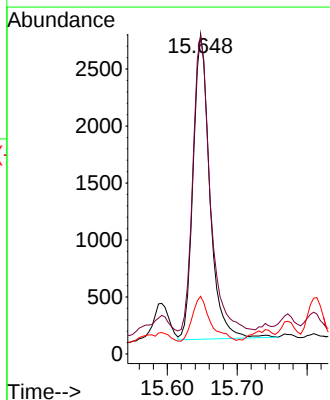
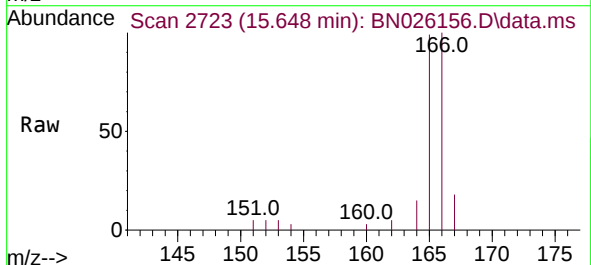
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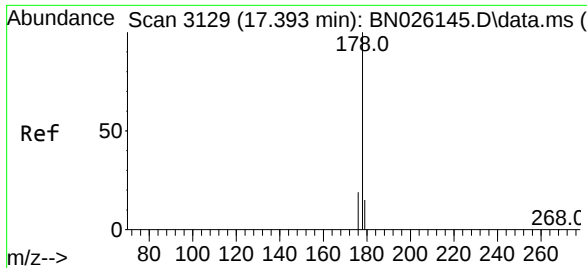
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.648 min Scan# 2723
Delta R.T. -0.006 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

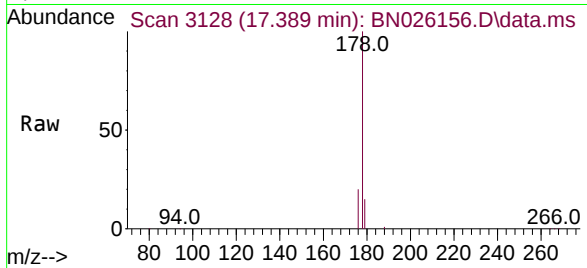
Tgt Ion:166 Resp: 4429
Ion Ratio Lower Upper
166 100
165 99.3 79.9 119.9
167 18.0 10.8 16.2#





#15
Phenanthrene
Concen: 0.699 ng/u1
RT: 17.389 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

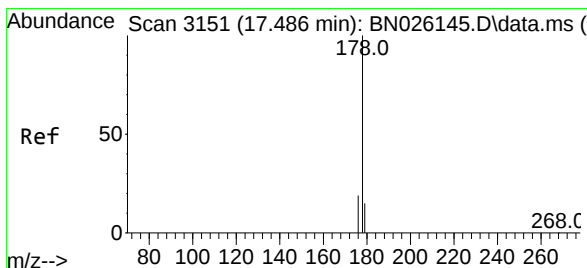
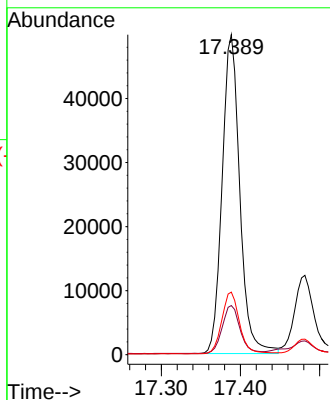
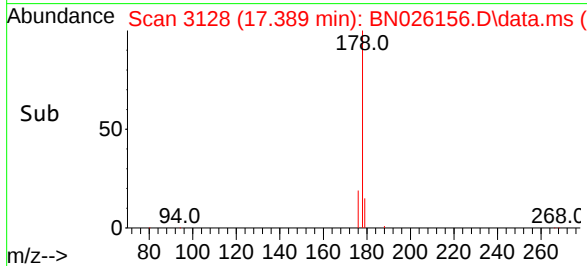
Instrument :
BNA_N
ClientSampleId :
DCFY4DL



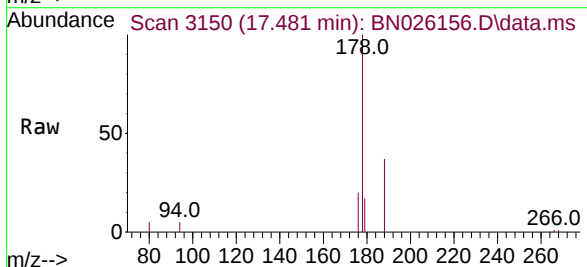
Tgt Ion:178 Resp: 7742
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.6 15.8 23.6

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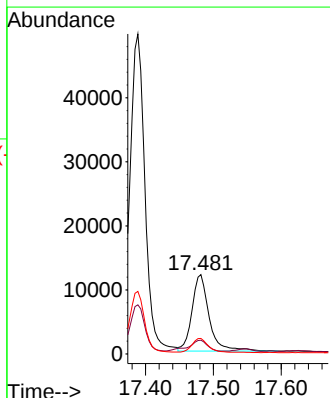
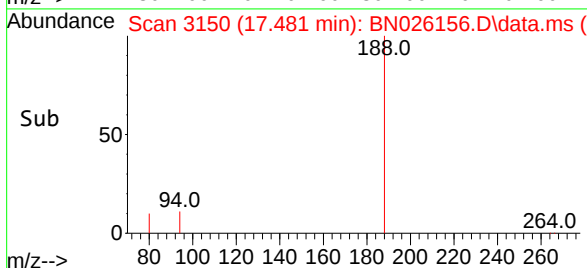
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

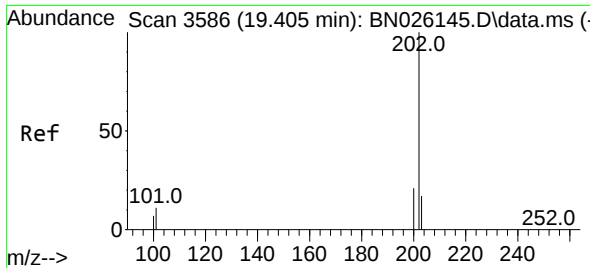


#16
Anthracene
Concen: 0.214 ng/u1
RT: 17.481 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52



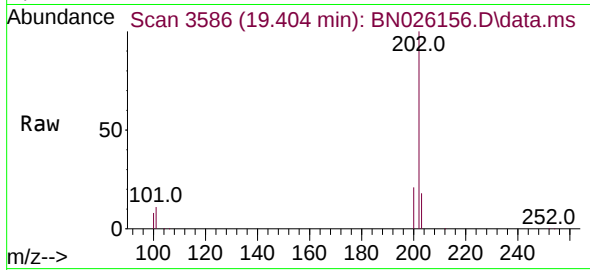
Tgt Ion:178 Resp: 21070
Ion Ratio Lower Upper
178 100
179 17.3 12.6 18.8
176 19.6 15.1 22.7





#19
Fluoranthene
Concen: 1.934 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

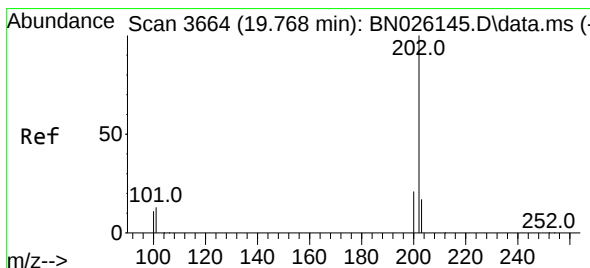
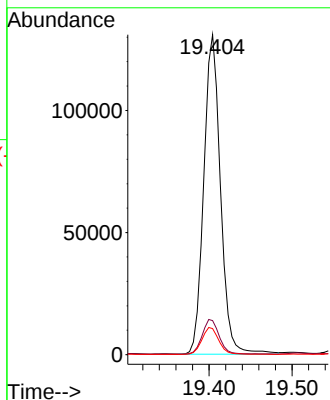
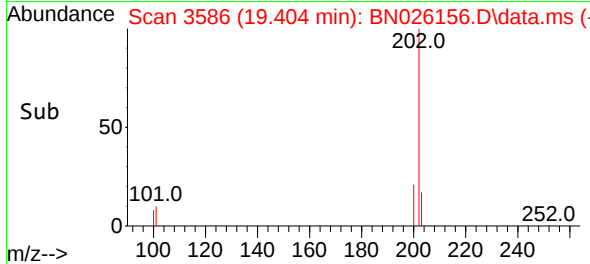
Instrument :
BNA_N
ClientSampleId :
DCFY4DL



Tgt Ion:202 Resp: 183497
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 8.2 7.3 10.9

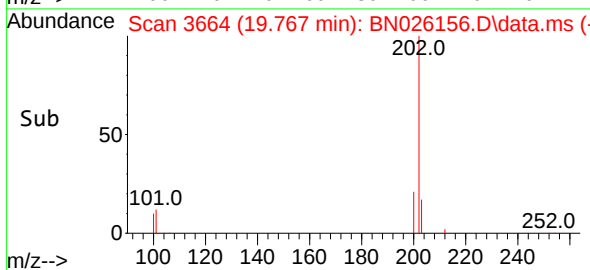
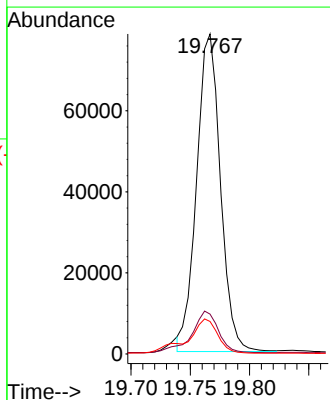
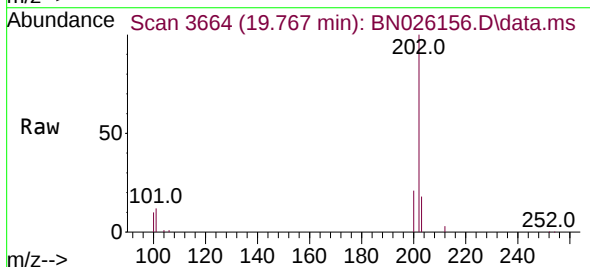
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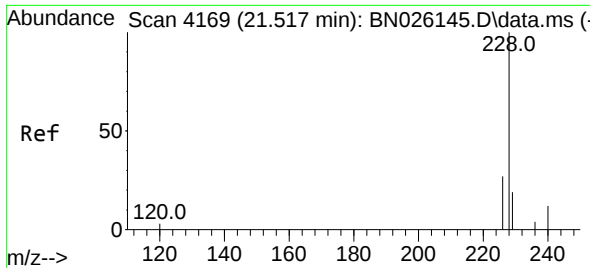
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 1.112 ng/ul m
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

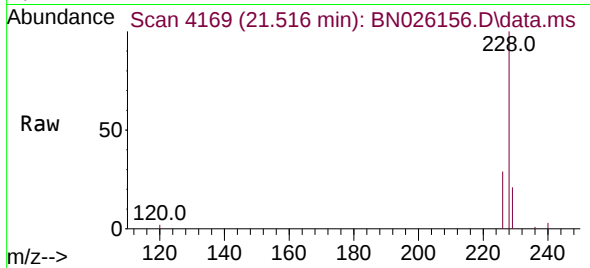
Tgt Ion:202 Resp: 109747
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.040 ng/uI
RT: 21.516 min Scan# 4169
Delta R.T. -0.010 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

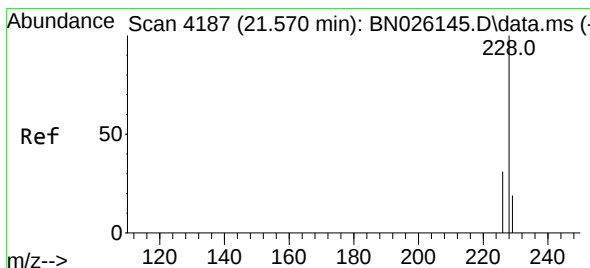
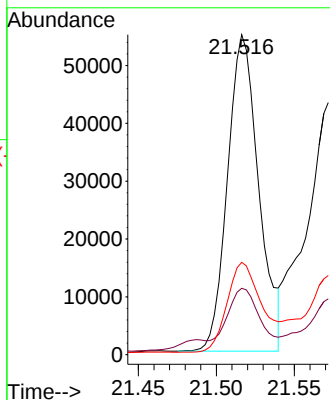
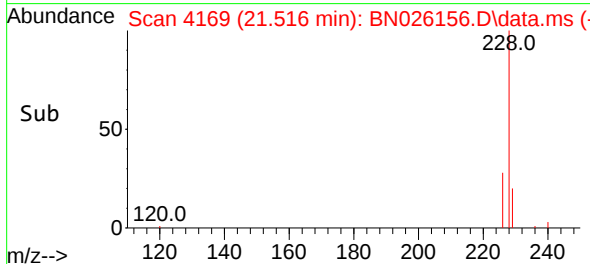
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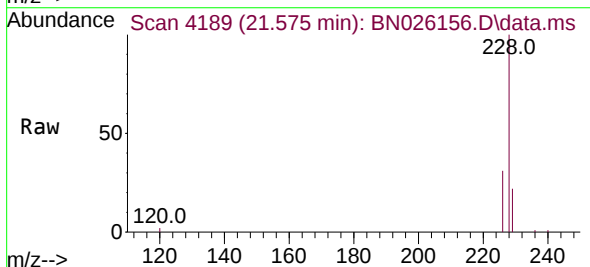
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Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.8 22.5 33.7

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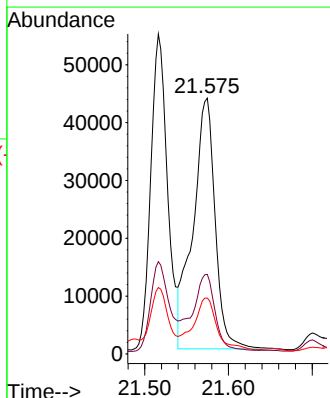
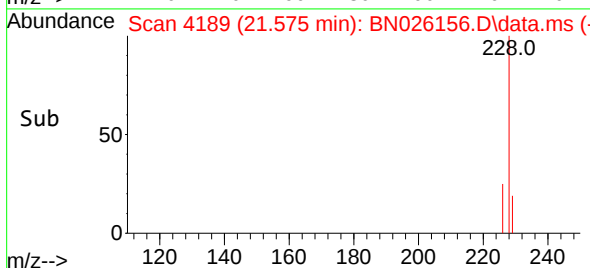
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

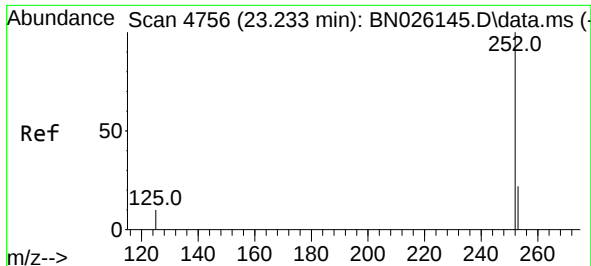


#22
Chrysene
Concen: 1.047 ng/uI
RT: 21.575 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52



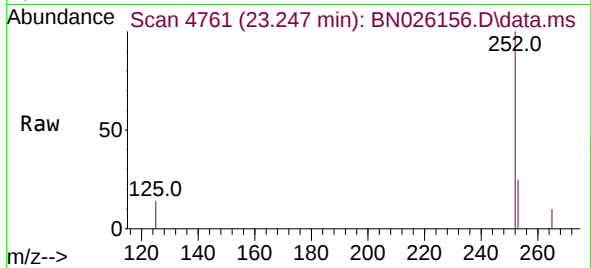
Tgt Ion:228 Resp: 79863
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.486 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. 0.004 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

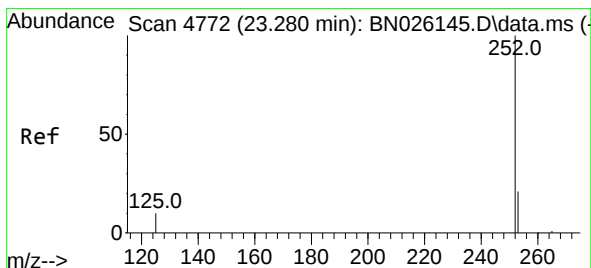
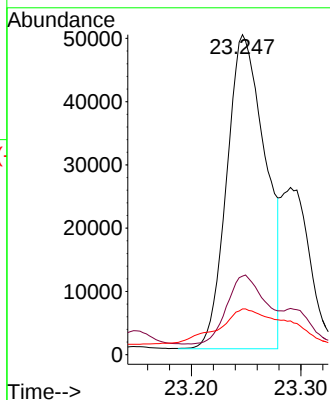
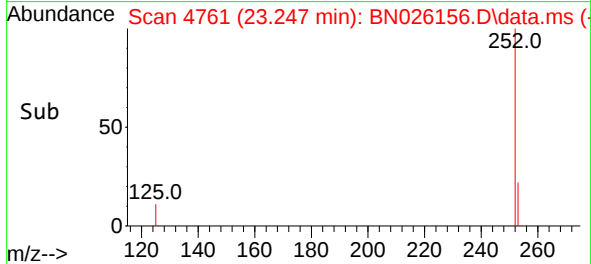
Instrument :
BNA_N
ClientSampleId :
DCFY4DL



Tgt Ion:252 Resp: 12110
Ion Ratio Lower Upper
252 100
253 24.5 0.0 55.6
125 14.3 0.0 35.8

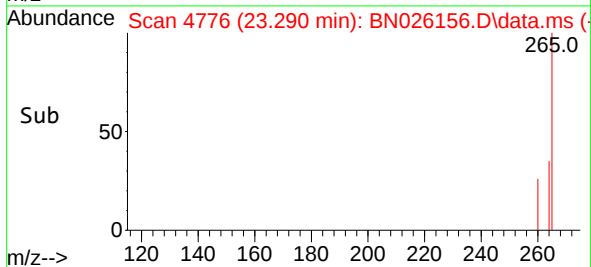
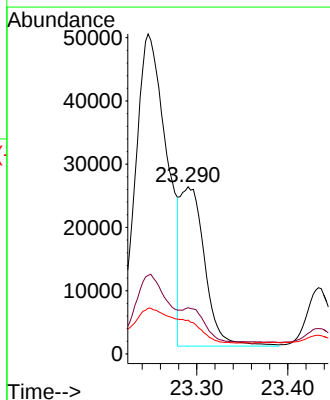
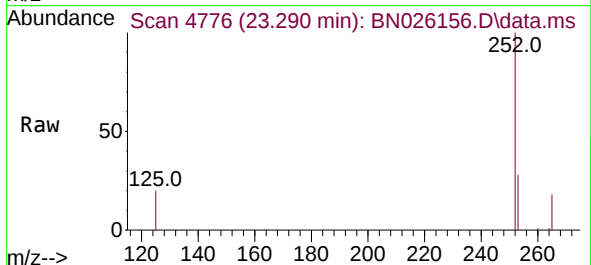
Manual Integrations
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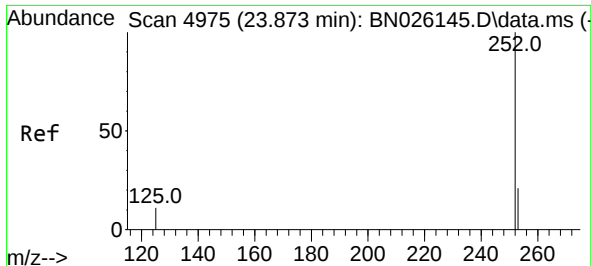
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 0.577 ng/ul m
RT: 23.290 min Scan# 4776
Delta R.T. -0.002 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

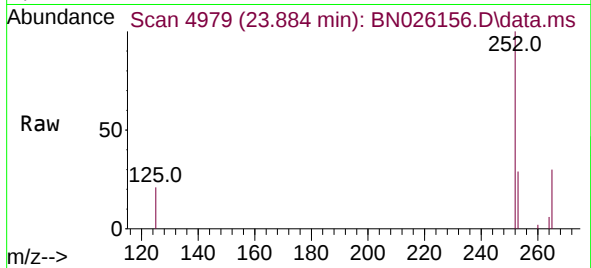
Tgt Ion:252 Resp: 47232
Ion Ratio Lower Upper
252 100
253 27.7 23.2 34.8
125 20.2 15.0 22.4





#26
Benzo(a)pyrene
Concen: 0.535 ng/ul
RT: 23.884 min Scan# 4979
Delta R.T. -0.002 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

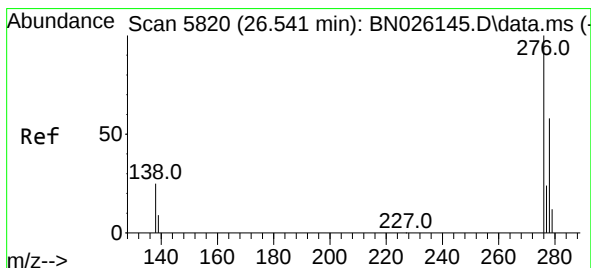
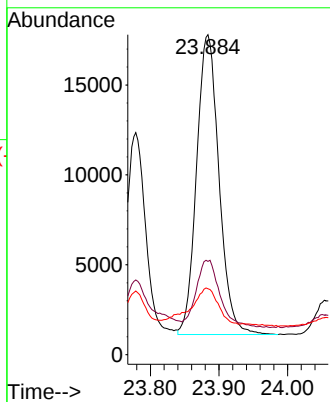
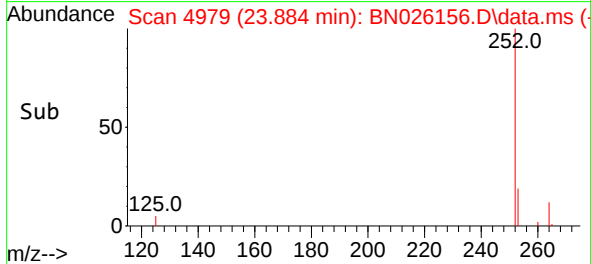
Instrument :
BNA_N
ClientSampleId :
DCFY4DL



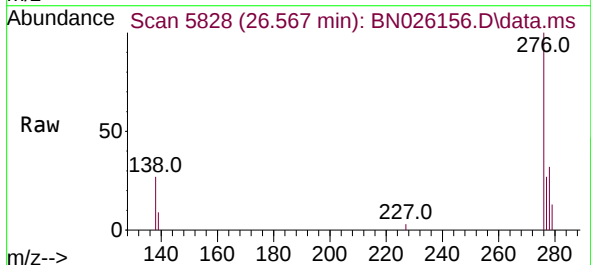
Tgt Ion:252 Resp: 3788
Ion Ratio Lower Upper
252 100
253 29.2 26.0 39.0
125 20.6 17.3 25.9

Manual Integrations
APPROVED

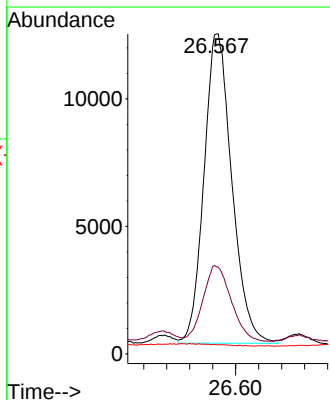
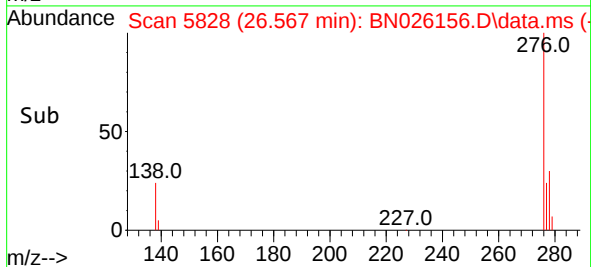
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

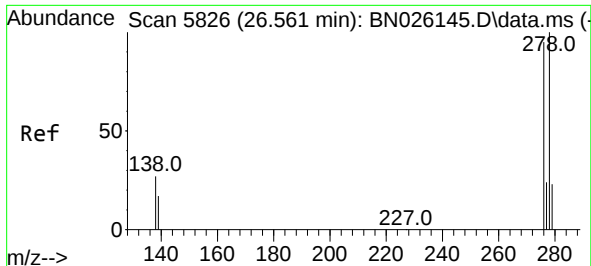


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.529 ng/ul
RT: 26.567 min Scan# 5828
Delta R.T. 0.008 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52



Tgt Ion:276 Resp: 40907
Ion Ratio Lower Upper
276 100
138 24.8 24.5 36.7
227 0.0 0.0 0.0





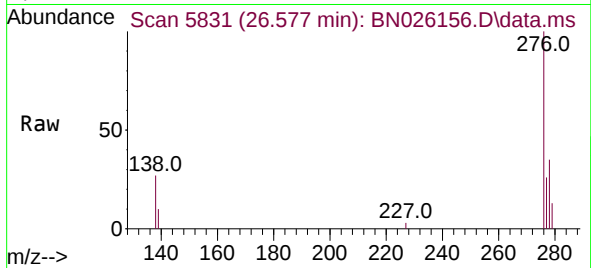
#28
Dibenzo(a,h)anthracene
Concen: 0.261 ng/ul
RT: 26.577 min Scan# 5831
Delta R.T. -0.002 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52

Instrument :

BNA_N

ClientSampleId :

DCFY4DL

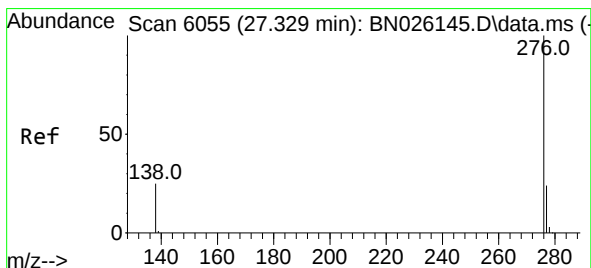
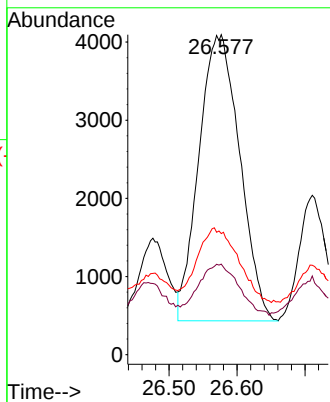
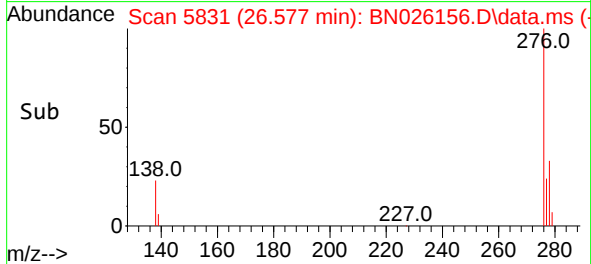


Tgt Ion:278 Resp: 1529
Ion Ratio Lower Upper
278 100
139 28.3 19.0 28.4
279 37.9 26.7 40.1

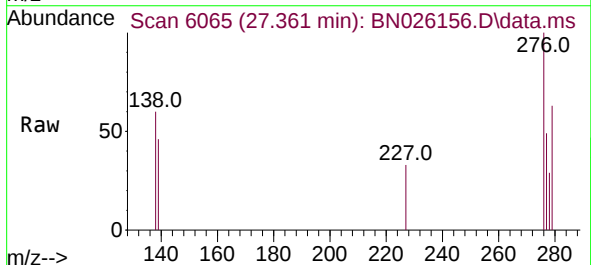
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 27.361 min Scan# 6065
Delta R.T. 0.015 min
Lab File: BN026156.D
Acq: 01 Jul 2023 17:52



Tgt Ion:276 Resp: 2640
Ion Ratio Lower Upper
276 100
138 60.1 23.4 35.0#
277 48.7 20.0 30.0#

