

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026164.D
 Acq On : 01 Jul 2023 23:19
 Operator : MA/JU
 Sample : 03239-14DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFZ2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 02:50:38 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	7797	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	25284	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	14815	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	31838	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	20710	0.400	ng/ul	-0.02
23) Perylene-d12	23.973	264	20163	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	3621	0.412	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	1006	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	2183	0.028	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.820	128	12515	0.173	ng/ul	97
7) 2-Methylnaphthalene	12.436	142	3775	0.082	ng/ul	99
8) 1-Methylnaphthalene	12.651	142	3140	0.066	ng/ul	100
10) Acenaphthylene	14.320	152	25064	0.361	ng/ul	99
11) Acenaphthene	14.663	153	12306	0.217	ng/ul	97
12) Fluorene	15.648	166	11290	0.174	ng/ul	99
15) Phenanthrene	17.389	178	307517	2.924	ng/ul	99
16) Anthracene	17.478	178	60799	0.650	ng/ul	99
19) Fluoranthene	19.401	202	839434	7.589	ng/ul	98
20) Pyrene	19.763	202	679093	5.902	ng/ul	97
21) Benzo(a)anthracene	21.508	228	326290	3.819	ng/ul	99
22) Chrysene	21.561	228	362705	4.080	ng/ul	98
24) Benzo(b)fluoranthene	23.224	252	553814m	6.435	ng/ul	
25) Benzo(k)fluoranthene	23.265	252	221802m	2.567	ng/ul	
26) Benzo(a)pyrene	23.861	252	368890	4.935	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.521	276	288115	3.529	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.527	278	68810	1.114	ng/ul	94
29) Benzo(g,h,i)perylene	27.315	276	286062	3.939	ng/ul	94

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

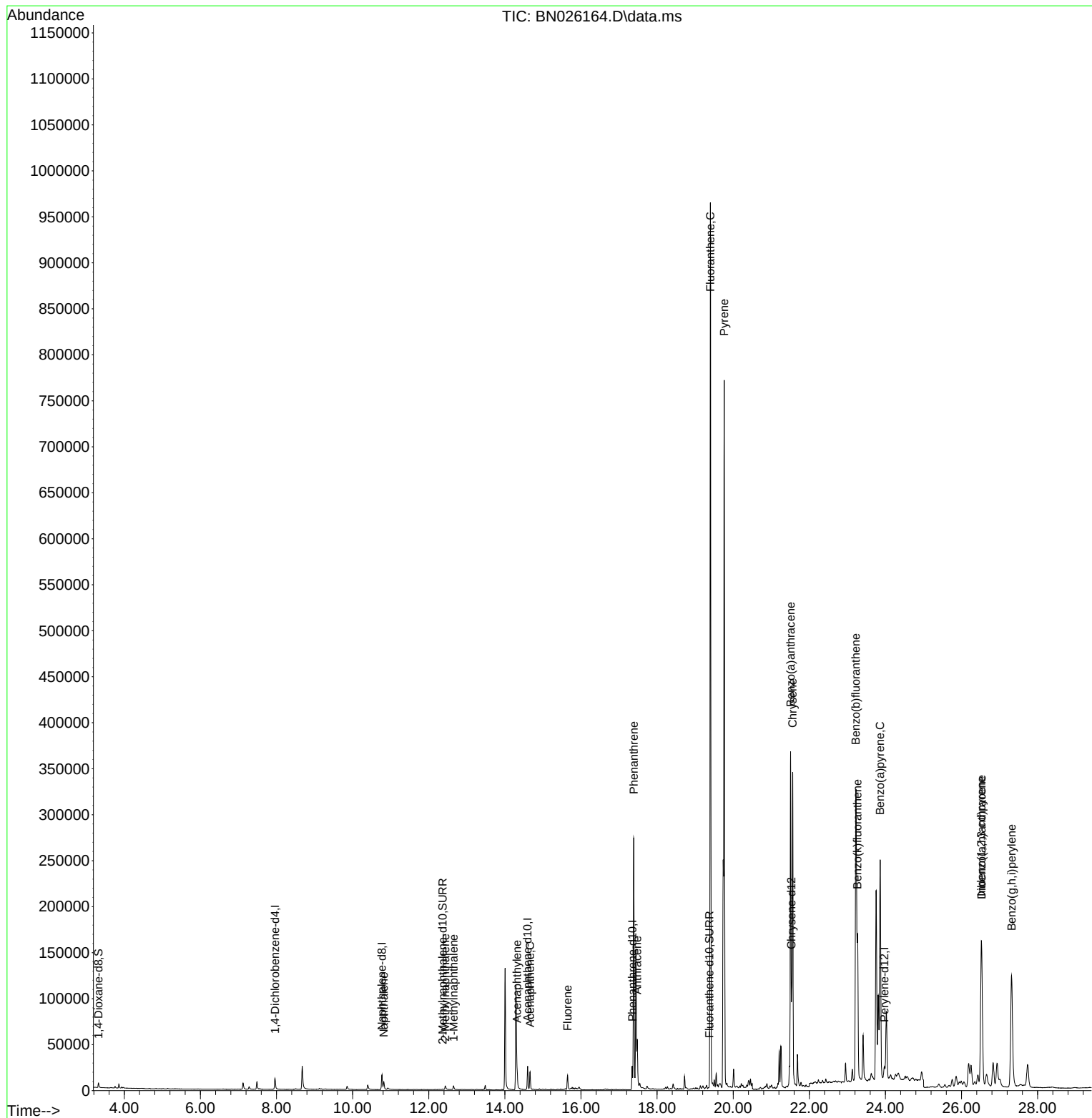
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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Acq On : 01 Jul 2023 23:19
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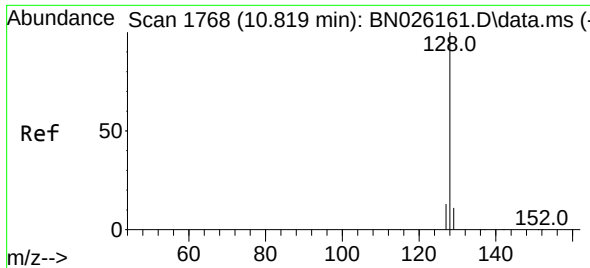
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Quant Time: Jul 02 02:50:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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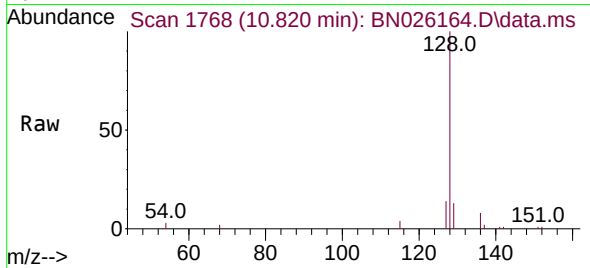
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.173 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

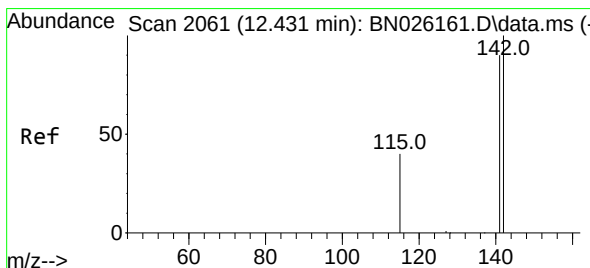
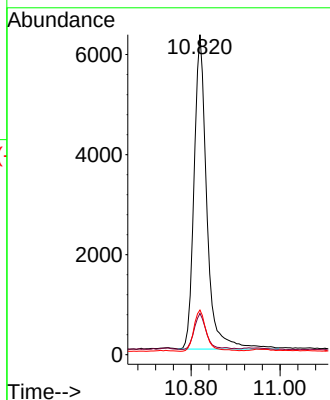
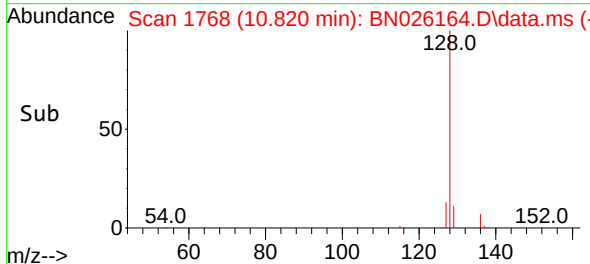
Instrument :
BNA_N
ClientSampleId :
DCFZ2DL



Tgt Ion:128 Resp: 1251
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 14.0 10.7 16.1

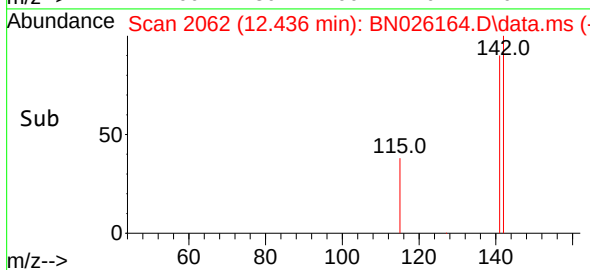
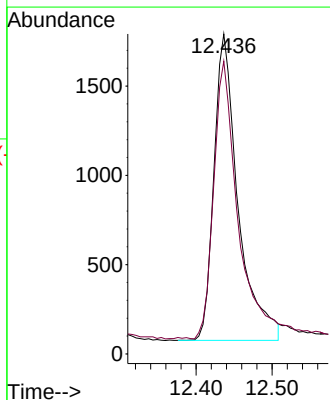
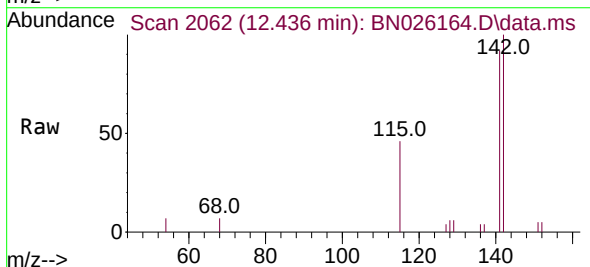
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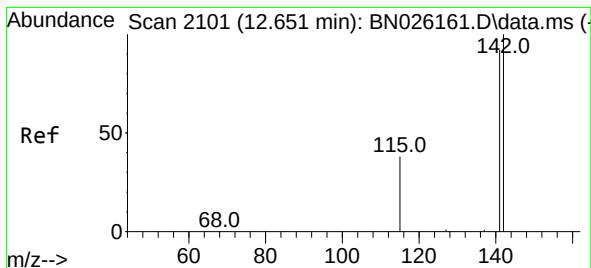
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

Tgt Ion:142 Resp: 3775
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.066 ng/ul

RT: 12.651 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BN026164.D

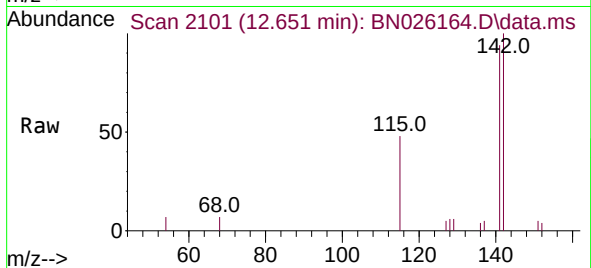
Acq: 01 Jul 2023 23:19

Instrument :

BNA_N

ClientSampleId :

DCFZ2DL



Tgt Ion:142 Resp: 3140

Ion Ratio Lower Upper

142 100

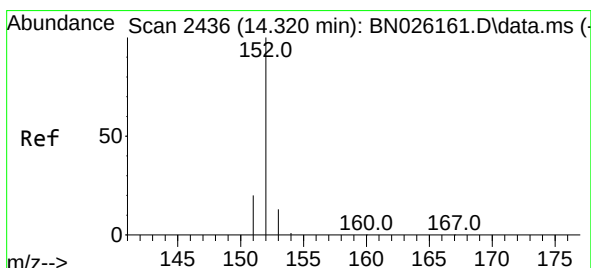
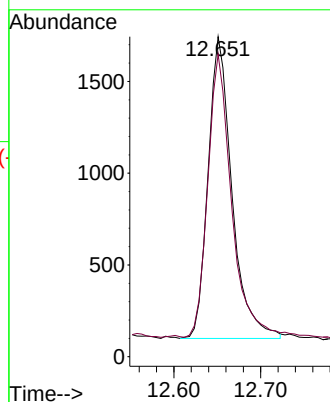
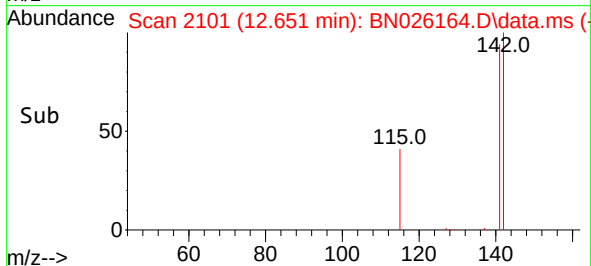
141 93.1 74.2 111.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.361 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BN026164.D

Acq: 01 Jul 2023 23:19

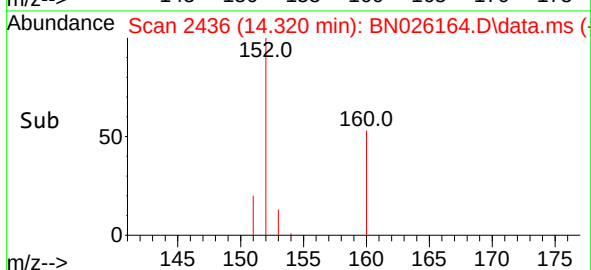
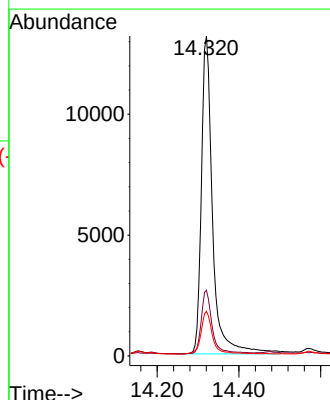
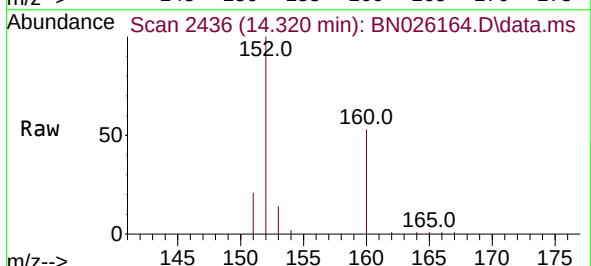
Tgt Ion:152 Resp: 25064

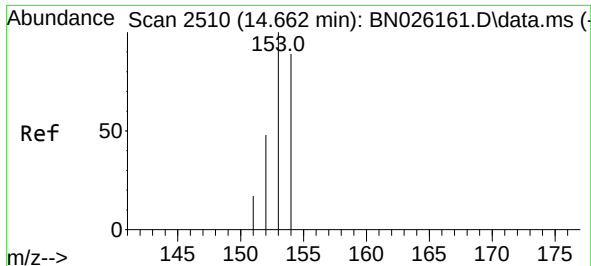
Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

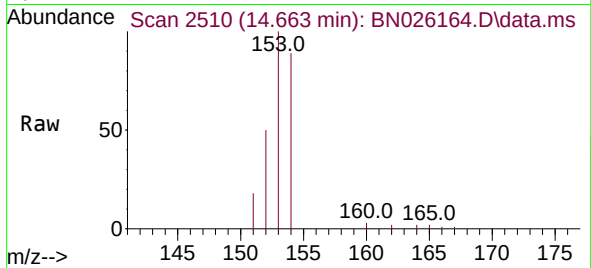
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 0.217 ng/ul
RT: 14.663 min Scan# 2510
Delta R.T. -0.005 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

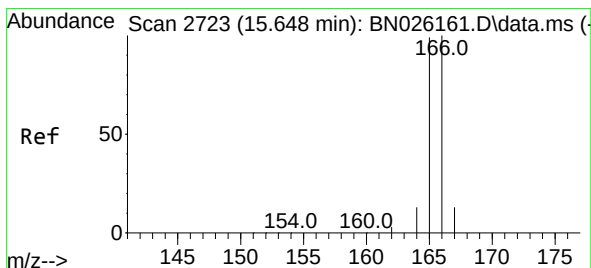
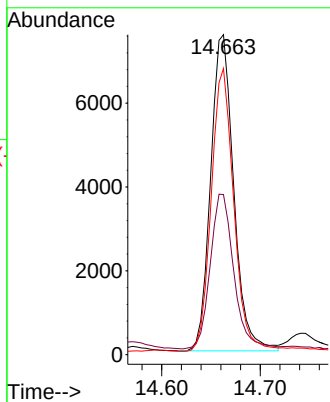
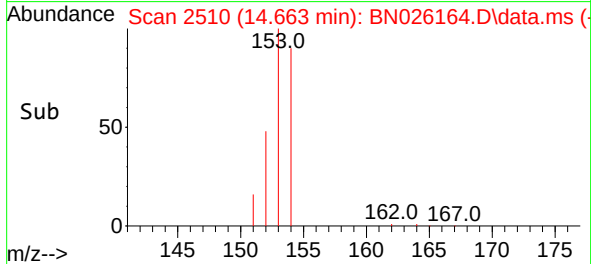
Instrument :
BNA_N
ClientSampleId :
DCFZ2DL



Tgt Ion:153 Resp: 12300
Ion Ratio Lower Upper
153 100
152 50.0 39.4 59.0
154 89.5 68.9 103.3

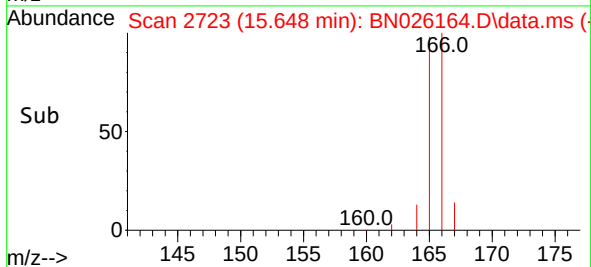
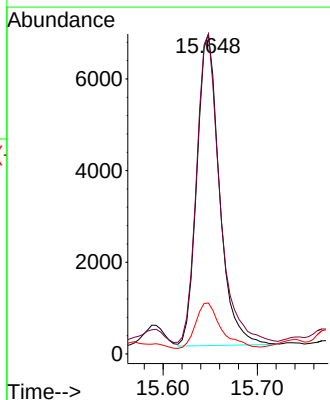
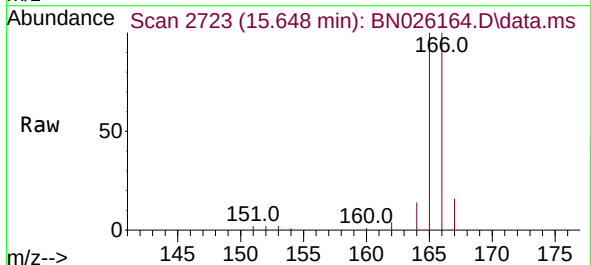
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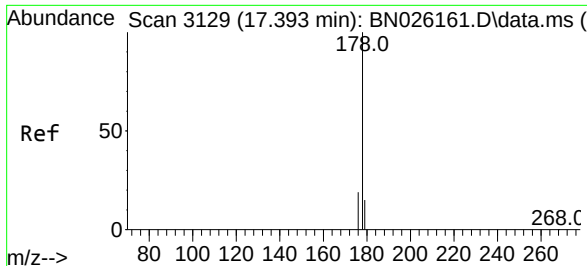
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.174 ng/ul
RT: 15.648 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

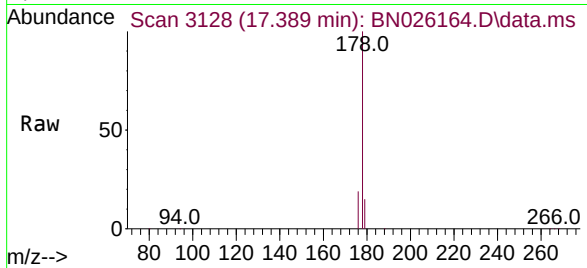
Tgt Ion:166 Resp: 11290
Ion Ratio Lower Upper
166 100
165 100.1 79.9 119.9
167 15.9 10.8 16.2





#15
Phenanthrene
Concen: 2.924 ng/u1
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

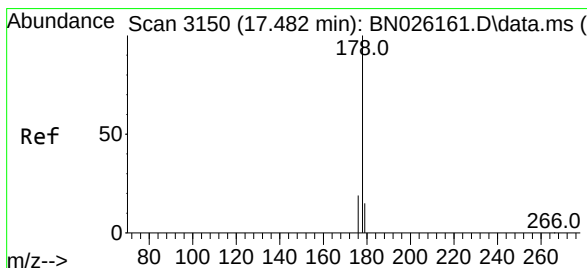
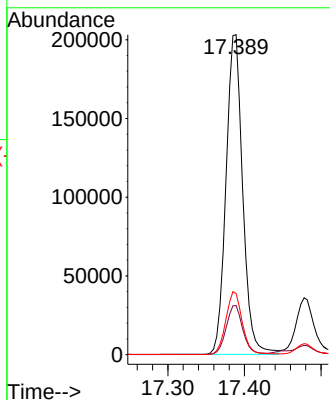
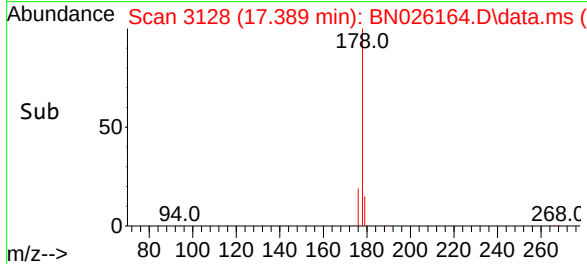
Instrument :
BNA_N
ClientSampleId :
DCFZ2DL



Tgt Ion:178 Resp: 30751
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.1 15.8 23.6

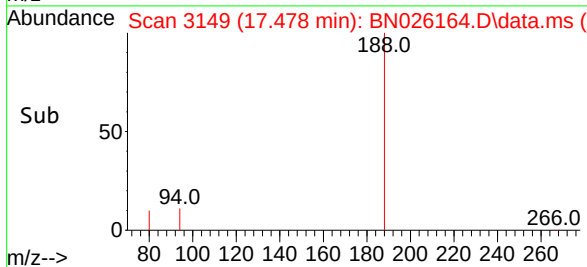
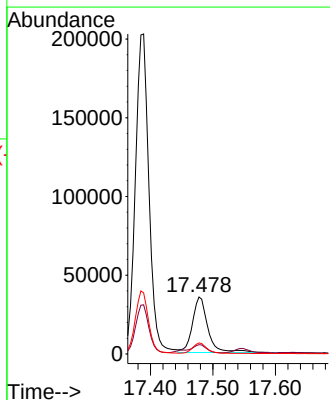
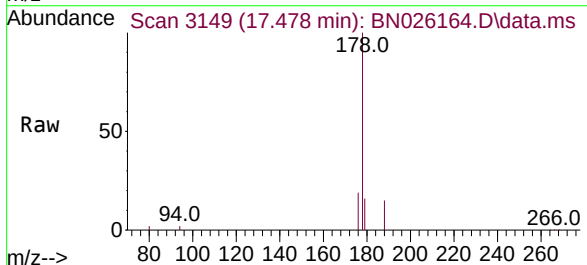
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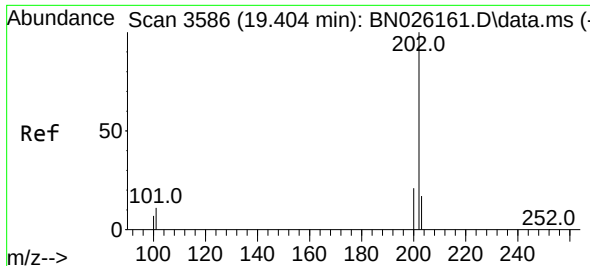
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.650 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

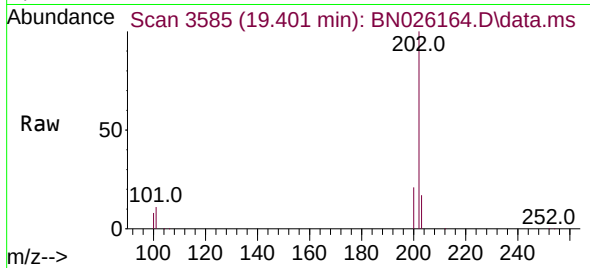
Tgt Ion:178 Resp: 60799
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.4 15.1 22.7





#19
Fluoranthene
Concen: 7.589 ng/u1
RT: 19.401 min Scan# 3585
Delta R.T. -0.010 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

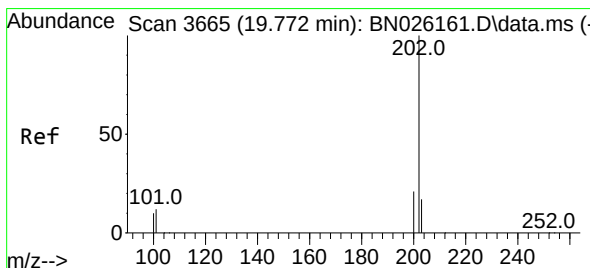
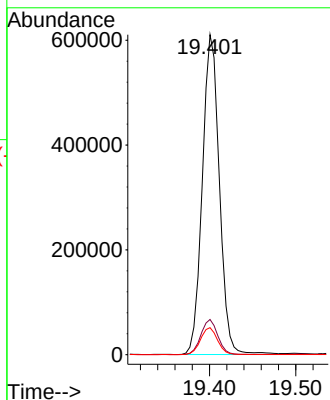
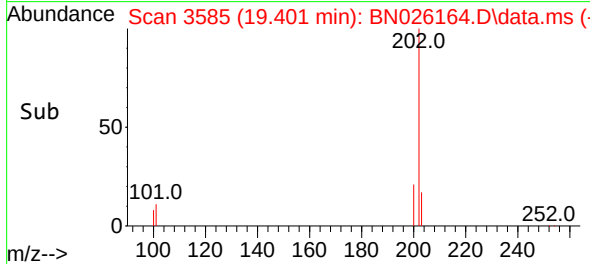
Instrument :
BNA_N
ClientSampleId :
DCFZ2DL



Tgt Ion:202 Resp: 839434
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
100 8.5 7.3 10.9

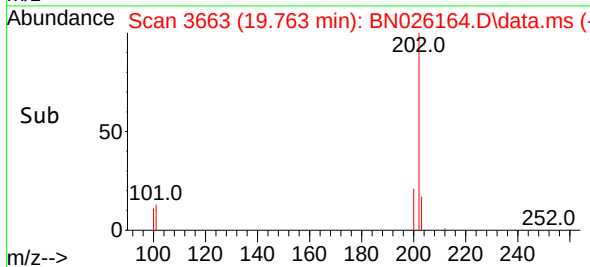
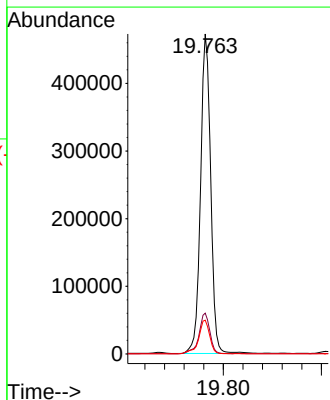
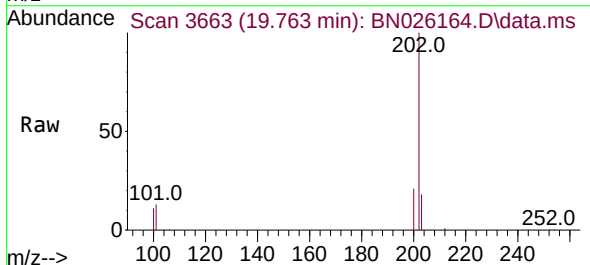
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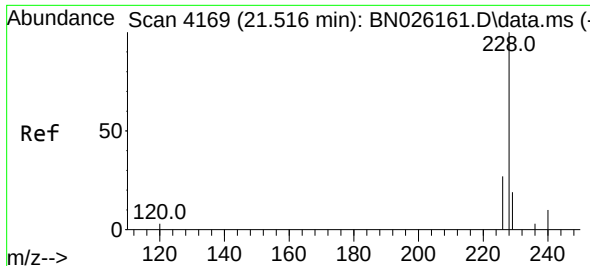
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 5.902 ng/u1
RT: 19.763 min Scan# 3663
Delta R.T. -0.010 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

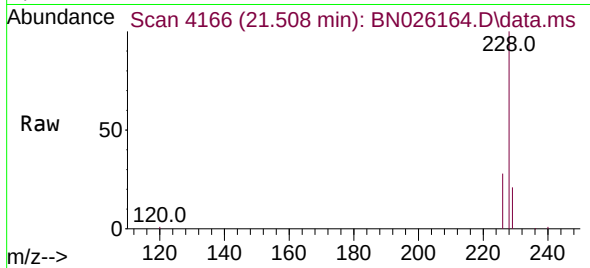
Tgt Ion:202 Resp: 679093
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 3.819 ng/u1
RT: 21.508 min Scan# 4169
Delta R.T. -0.018 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

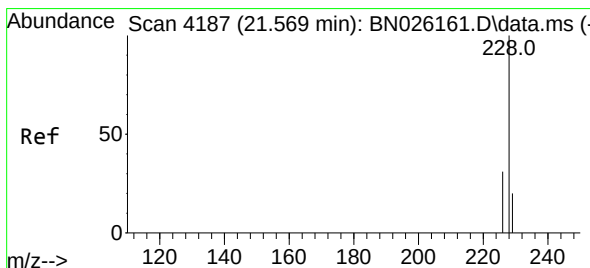
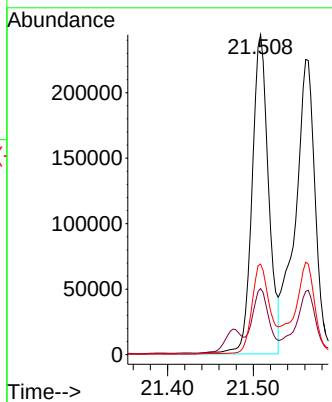
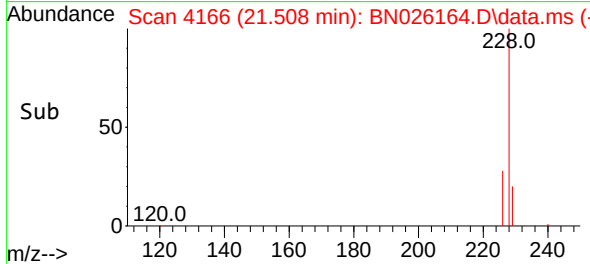
Instrument :
BNA_N
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DCFZ2DL



Tgt Ion:228 Resp: 326290
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.3 22.5 33.7

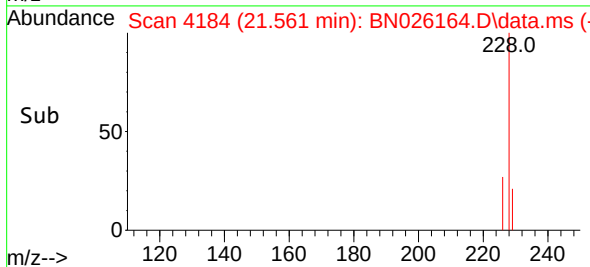
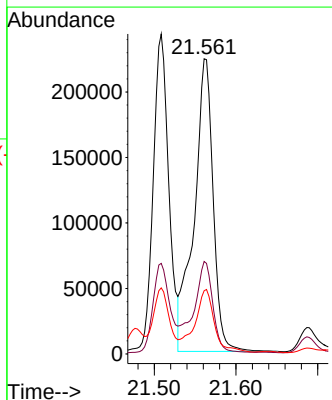
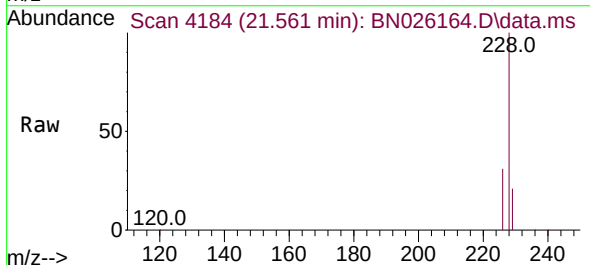
Manual Integrations
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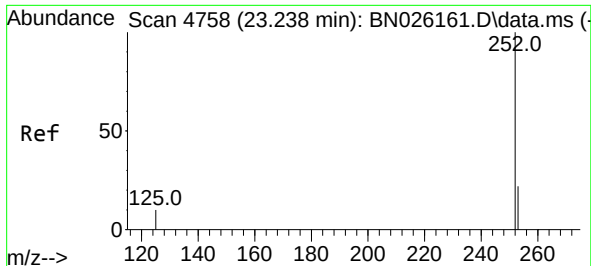
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 4.080 ng/u1
RT: 21.561 min Scan# 4184
Delta R.T. -0.018 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

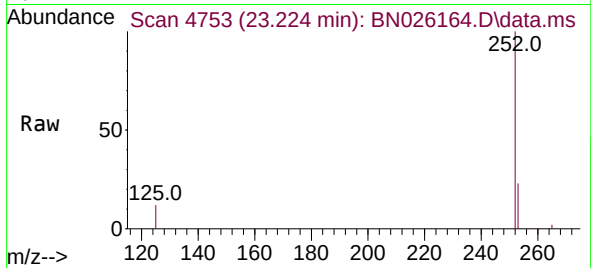
Tgt Ion:228 Resp: 362705
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 21.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 6.435 ng/ul m
RT: 23.224 min Scan# 4753
Delta R.T. -0.018 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

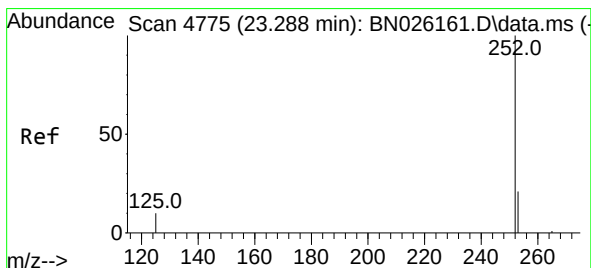
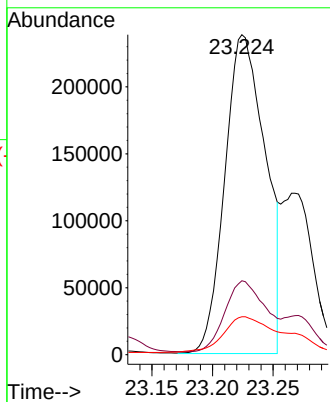
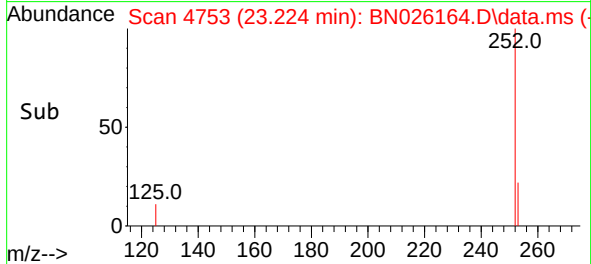
Instrument :
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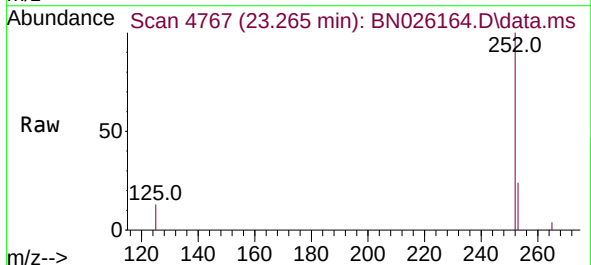
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Ion Ratio Lower Upper
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253 23.1 0.0 55.6
125 11.9 0.0 35.8

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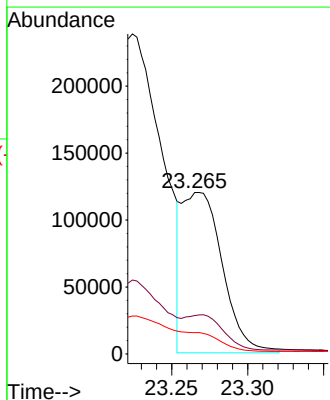
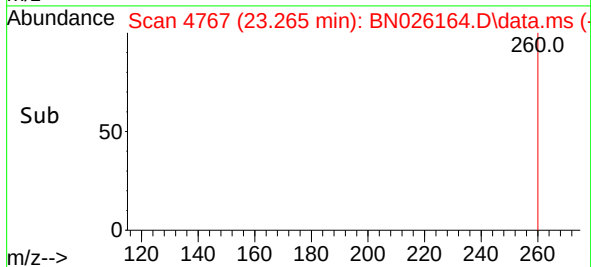
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

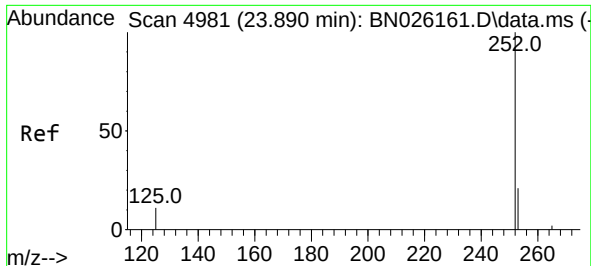


#25
Benzo(k)fluoranthene
Concen: 2.567 ng/ul m
RT: 23.265 min Scan# 4767
Delta R.T. -0.027 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19



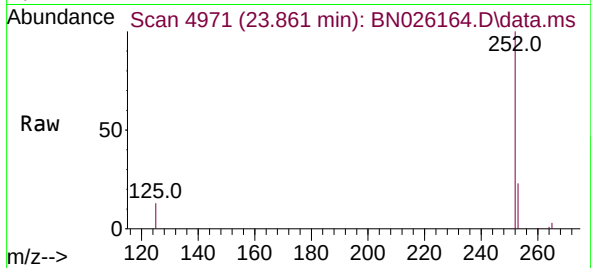
Tgt Ion:252 Resp: 221802
Ion Ratio Lower Upper
252 100
253 23.8 23.2 34.8
125 13.2 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 4.935 ng/ul
RT: 23.861 min Scan# 4981
Delta R.T. -0.024 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

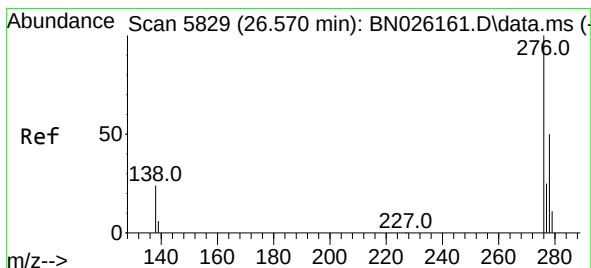
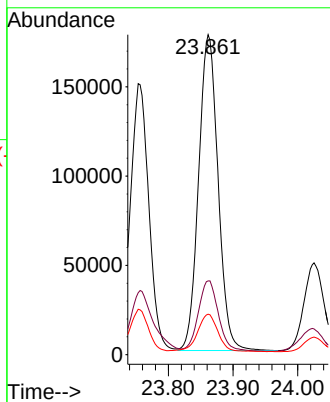
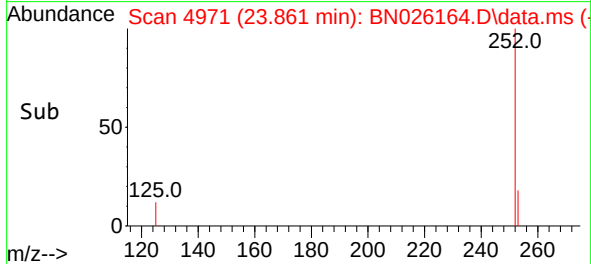
Instrument :
BNA_N
ClientSampleId :
DCFZ2DL



Tgt Ion:252 Resp: 368890
Ion Ratio Lower Upper
252 100
253 23.0 26.0 39.0#
125 12.6 17.3 25.9#

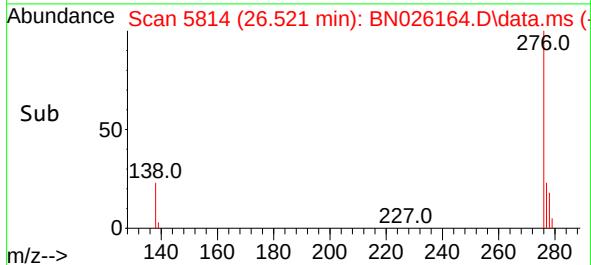
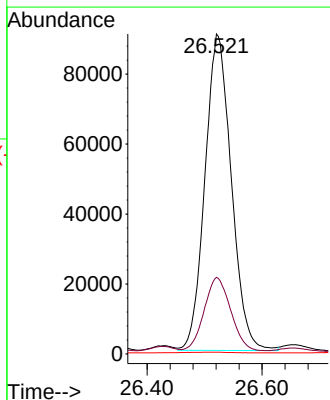
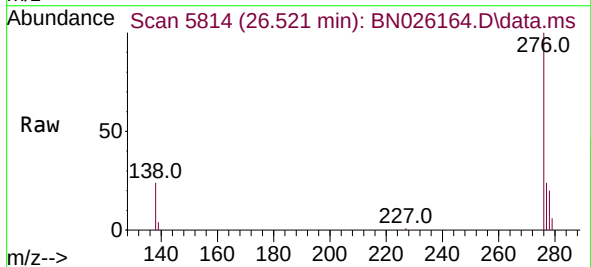
Manual Integrations
APPROVED

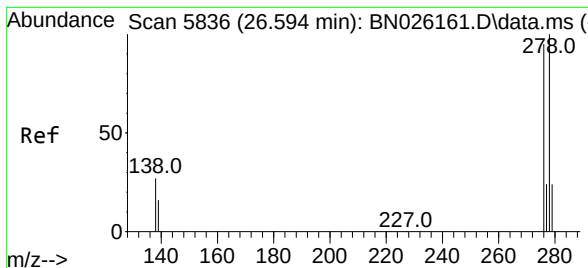
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.529 ng/ul
RT: 26.521 min Scan# 5814
Delta R.T. -0.038 min
Lab File: BN026164.D
Acq: 01 Jul 2023 23:19

Tgt Ion:276 Resp: 288115
Ion Ratio Lower Upper
276 100
138 23.5 24.5 36.7#
227 0.4 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 1.114 ng/ul

RT: 26.527 min Scan# 5816

Delta R.T. -0.051 min

Lab File: BN026164.D

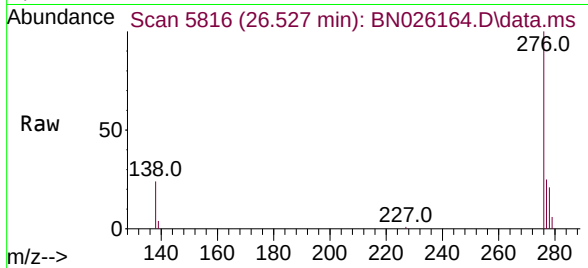
Acq: 01 Jul 2023 23:19

Instrument :

BNA_N

ClientSampleId :

DCFZ2DL



Tgt Ion:278 Resp: 68810

Ion Ratio Lower Upper

278 100

139 20.6 19.0 28.4

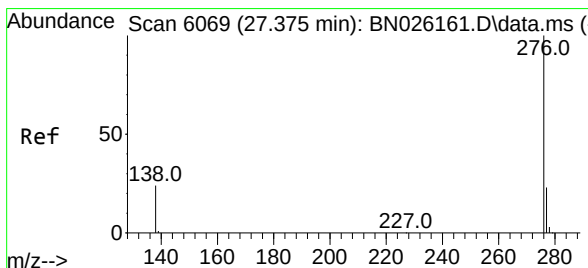
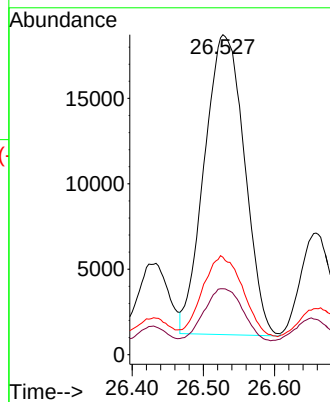
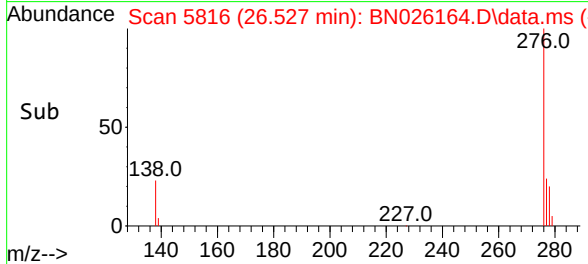
279 30.4 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#29

Benzo(g,h,i)perylene

Concen: 3.939 ng/ul

RT: 27.315 min Scan# 6051

Delta R.T. -0.031 min

Lab File: BN026164.D

Acq: 01 Jul 2023 23:19

Tgt Ion:276 Resp: 286062

Ion Ratio Lower Upper

276 100

138 24.3 23.4 35.0

277 24.0 20.0 30.0

