

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026165.D
 Acq On : 01 Jul 2023 23:56
 Operator : MA/JU
 Sample : 03239-18DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFZ6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 02:53:45 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	8411	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	27836	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	16617	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	34427	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	21025	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	19300	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	5399	0.570	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	1629	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	3458	0.043	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.820	128	2686	0.034	ng/ul#	86
7) 2-Methylnaphthalene	12.437	142	1354	0.027	ng/ul	98
8) 1-Methylnaphthalene	12.651	142	1072	0.020	ng/ul	95
10) Acenaphthylene	14.320	152	2726	0.035	ng/ul#	88
11) Acenaphthene	14.658	153	1672	0.026	ng/ul	97
12) Fluorene	15.648	166	1930	0.026	ng/ul#	98
15) Phenanthrene	17.385	178	45156	0.397	ng/ul	100
16) Anthracene	17.478	178	9082	0.090	ng/ul#	93
19) Fluoranthene	19.401	202	152892	1.361	ng/ul	100
20) Pyrene	19.763	202	146856	1.257	ng/ul	98
21) Benzo(a)anthracene	21.514	228	107382	1.238	ng/ul	99
22) Chrysene	21.570	228	145510	1.612	ng/ul	98
24) Benzo(b)fluoranthene	23.242	252	232871m	2.827	ng/ul	
25) Benzo(k)fluoranthene	23.286	252	76337m	0.923	ng/ul	
26) Benzo(a)pyrene	23.879	252	125984	1.761	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.564	276	99632	1.275	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.574	278	30747	0.520	ng/ul	96
29) Benzo(g,h,i)perylene	27.363	276	96932	1.394	ng/ul	96

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

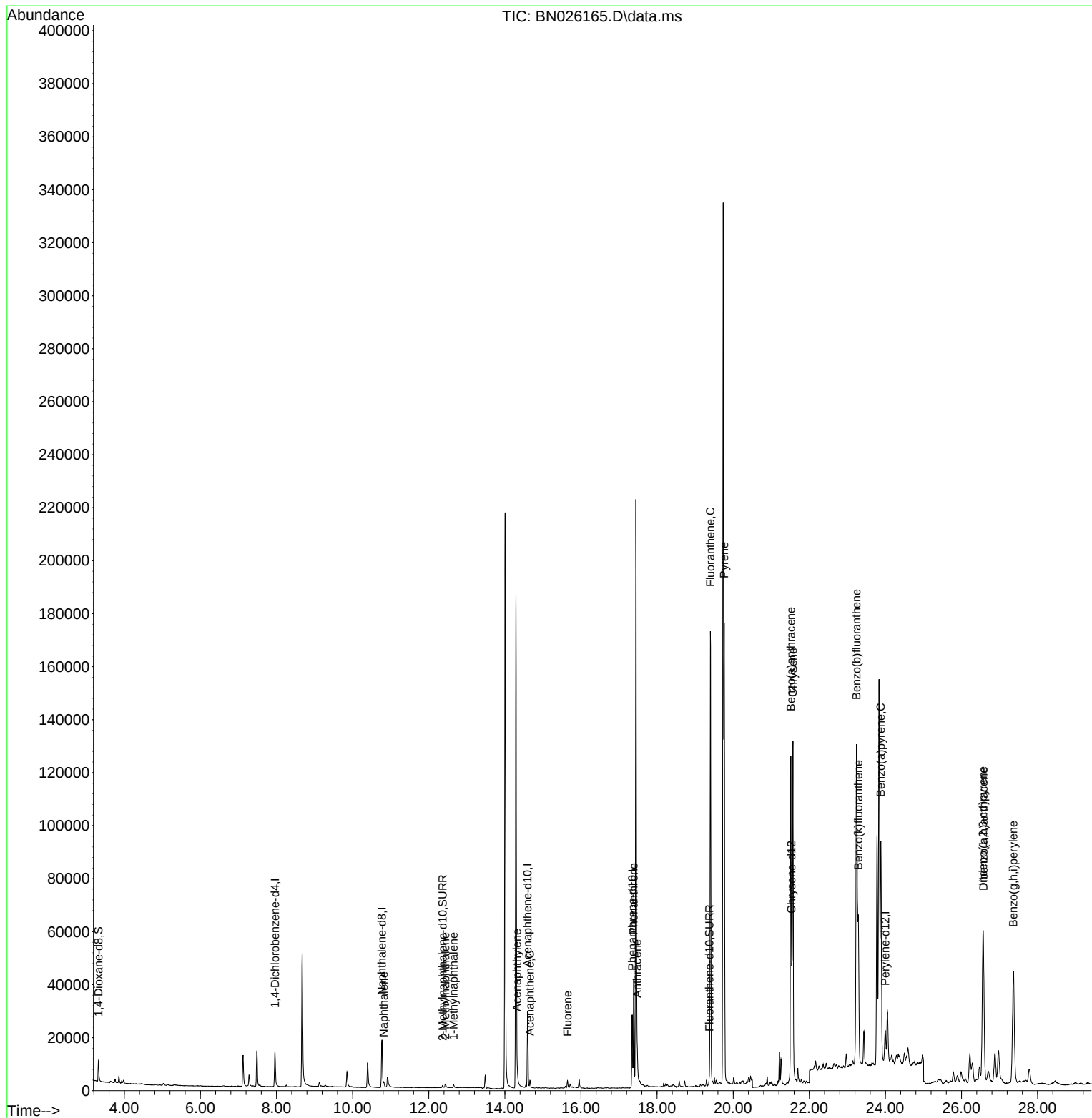
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026165.D
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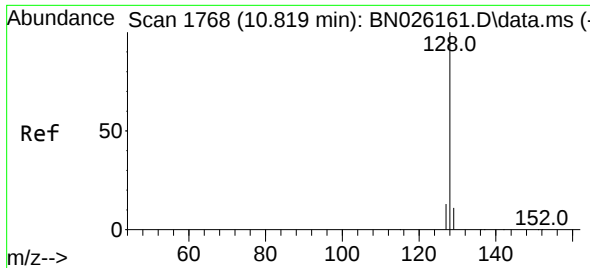
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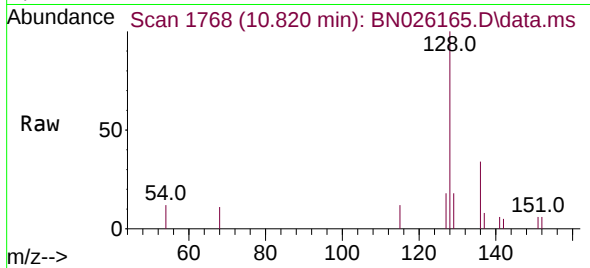
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56

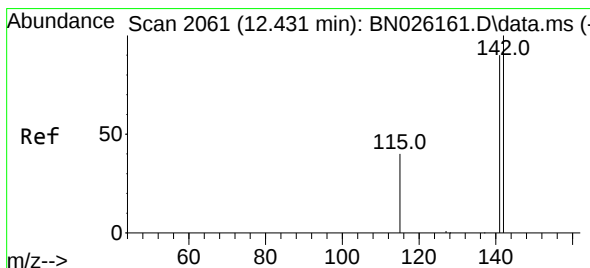
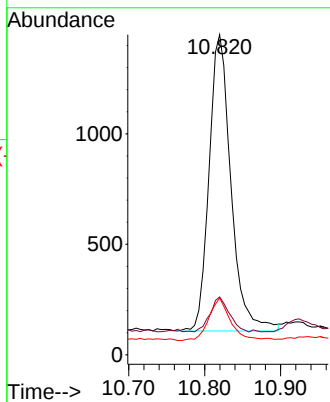
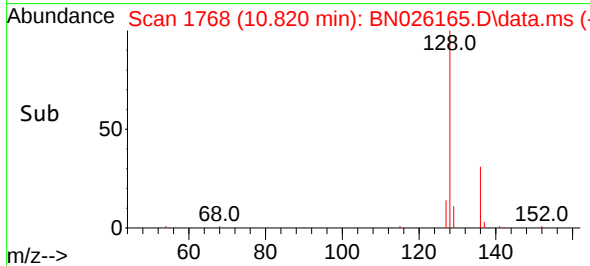
Instrument :
BNA_N
ClientSampleId :
DCFZ6DL



Tgt Ion:128 Resp: 2680
Ion Ratio Lower Upper
128 100
129 18.1 9.1 13.7
127 17.7 10.7 16.1

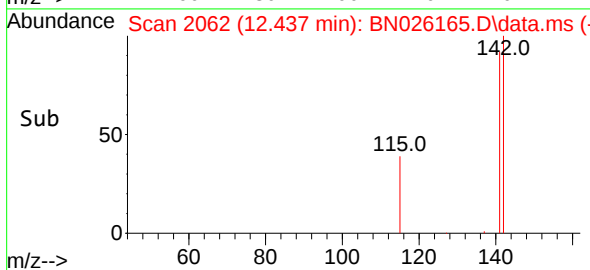
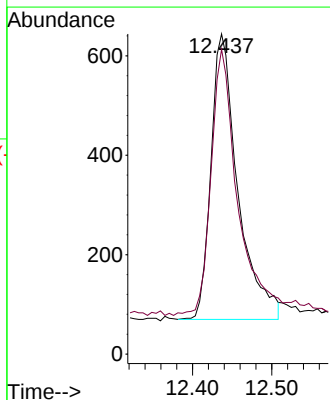
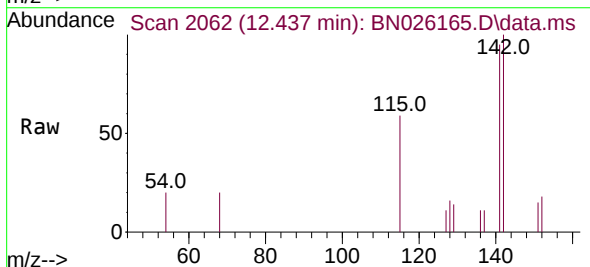
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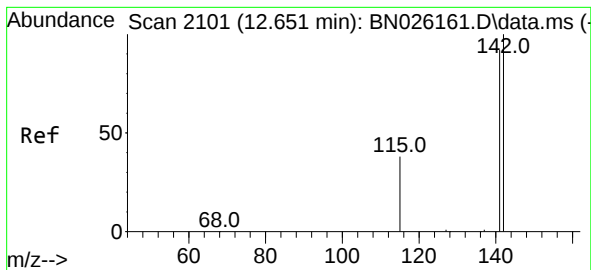
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.437 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56

Tgt Ion:142 Resp: 1354
Ion Ratio Lower Upper
142 100
141 91.5 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.651 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BN026165.D

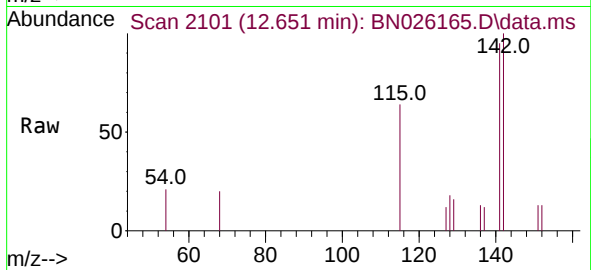
Acq: 01 Jul 2023 23:56

Instrument :

BNA_N

ClientSampleId :

DCFZ6DL



Tgt Ion:142 Resp: 1072

Ion Ratio Lower Upper

142 100

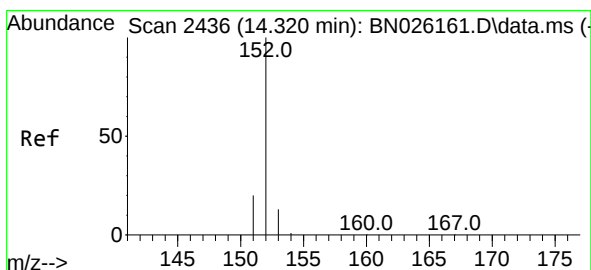
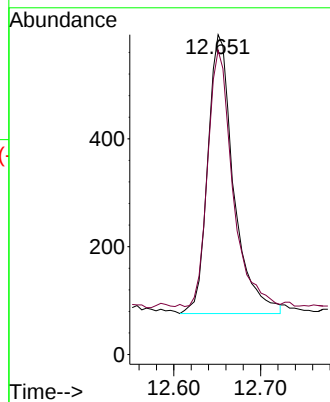
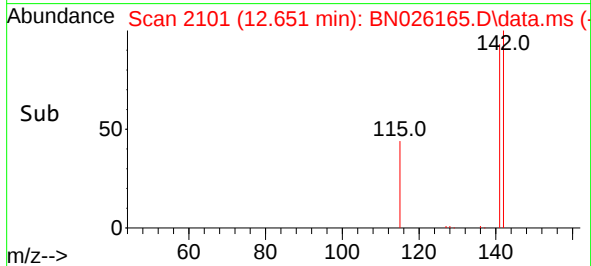
141 88.2 74.2 111.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/02/2023

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#10

Acenaphthylene

Concen: 0.035 ng/ul

RT: 14.320 min Scan# 2436

Delta R.T. -0.005 min

Lab File: BN026165.D

Acq: 01 Jul 2023 23:56

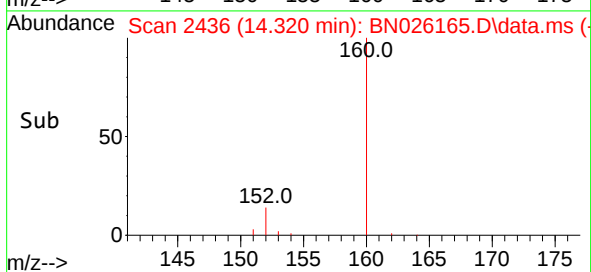
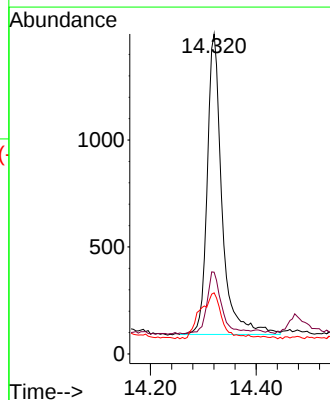
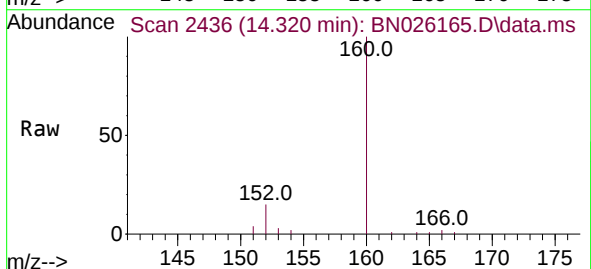
Tgt Ion:152 Resp: 2726

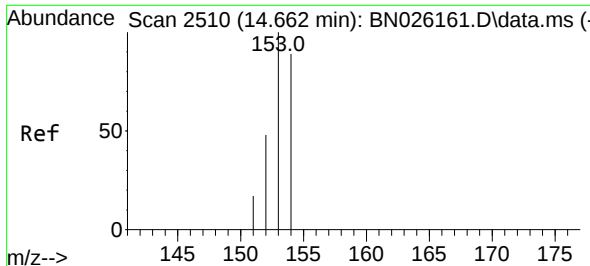
Ion Ratio Lower Upper

152 100

151 25.5 16.2 24.4#

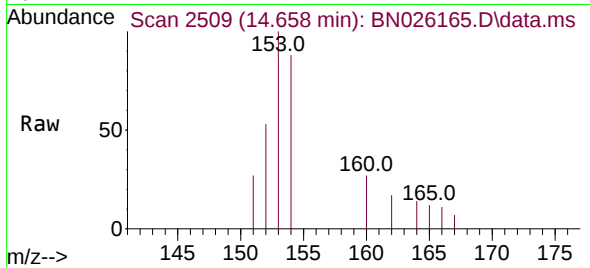
153 19.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.026 ng/u1
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56

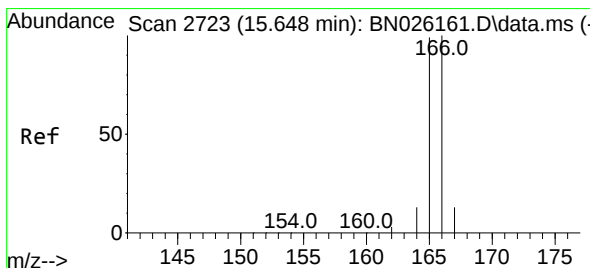
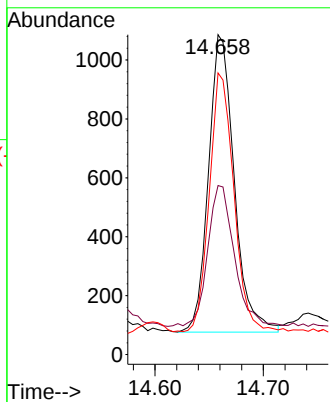
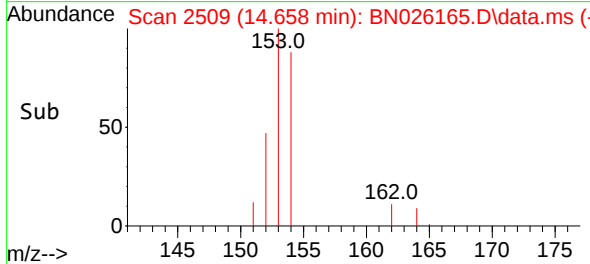
Instrument :
BNA_N
ClientSampleId :
DCFZ6DL



Tgt Ion:153 Resp: 1672
Ion Ratio Lower Upper
153 100
152 52.9 39.4 59.0
154 88.0 68.9 103.3

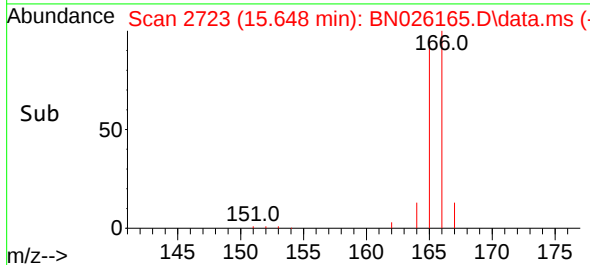
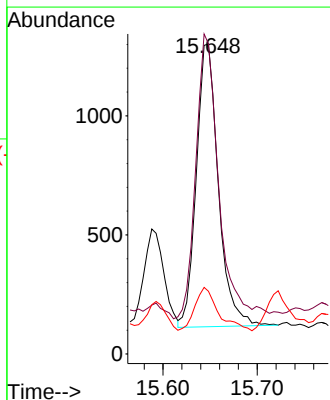
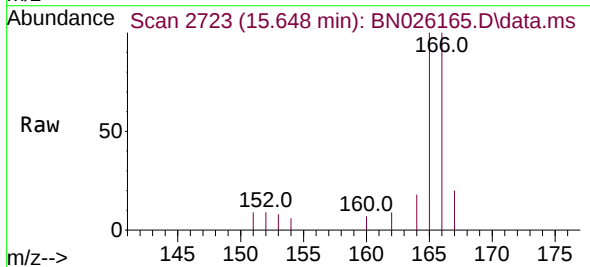
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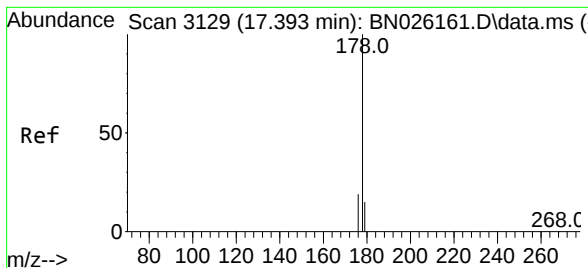
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.648 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56

Tgt Ion:166 Resp: 1930
Ion Ratio Lower Upper
166 100
165 100.1 79.9 119.9
167 20.3 10.8 16.2#





#15

Phenanthrene

Concen: 0.397 ng/u1

RT: 17.385 min Scan# 3127

Delta R.T. -0.009 min

Lab File: BN026165.D

Acq: 01 Jul 2023 23:56

Instrument :

BNA_N

ClientSampleId :

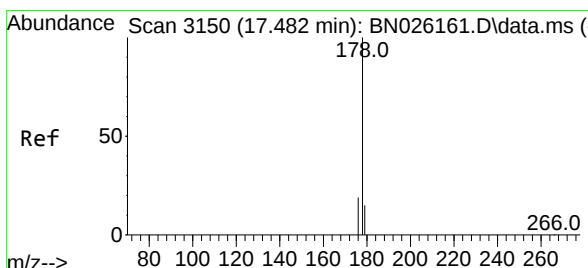
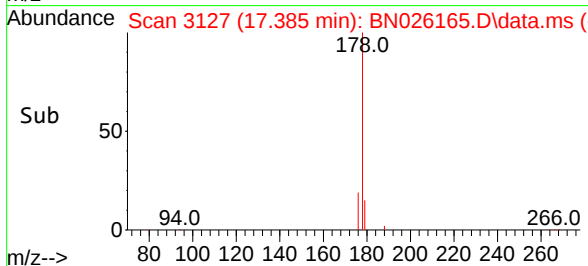
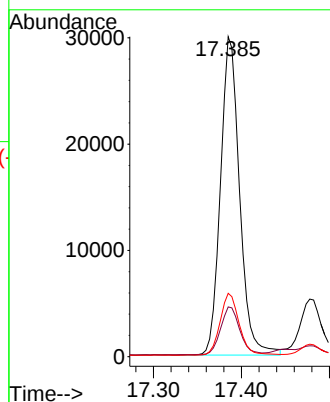
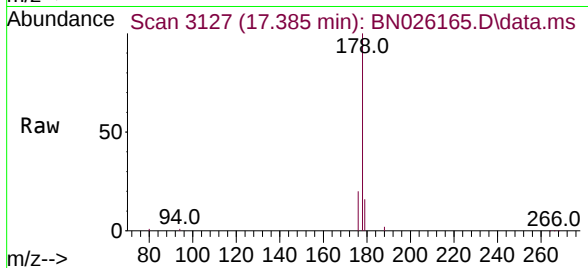
DCFZ6DL

Tgt Ion:178	Resp:	4515
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.6 19.0
176	19.8	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: 0.090 ng/u1

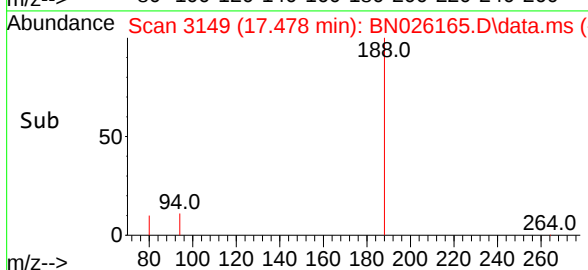
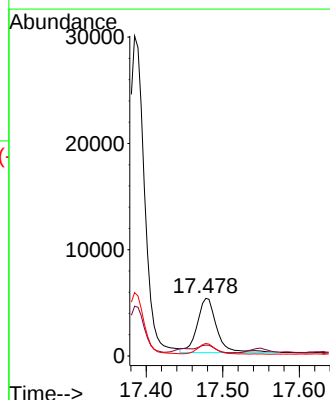
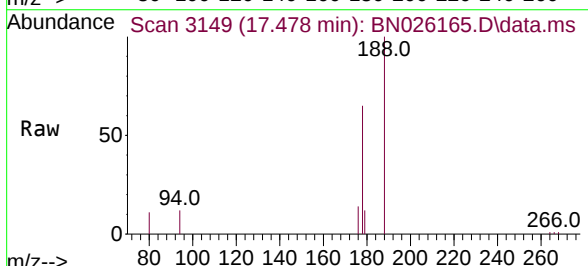
RT: 17.478 min Scan# 3149

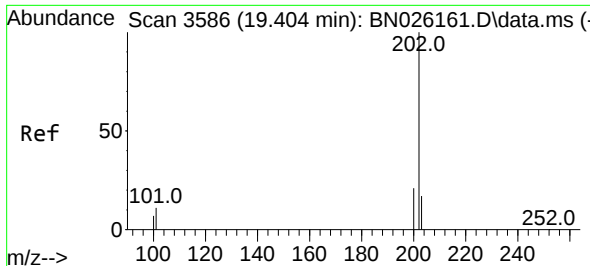
Delta R.T. -0.009 min

Lab File: BN026165.D

Acq: 01 Jul 2023 23:56

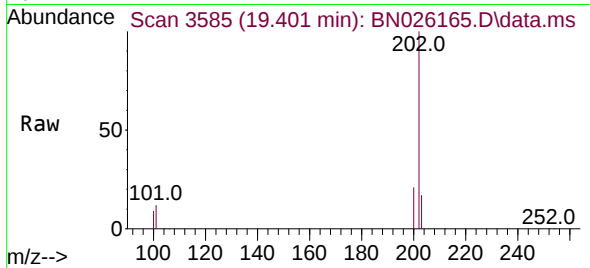
Tgt Ion:178	Resp:	9082
Ion Ratio	Lower	Upper
178	100	
179	19.0	12.6 18.8#
176	21.6	15.1 22.7





#19
Fluoranthene
Concen: 1.361 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. -0.010 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56

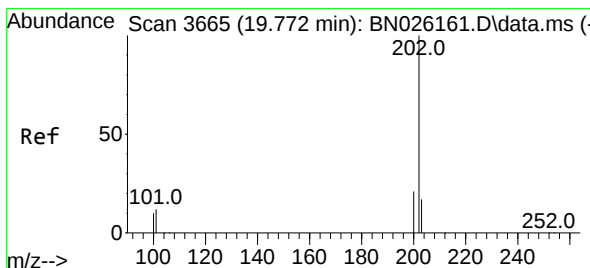
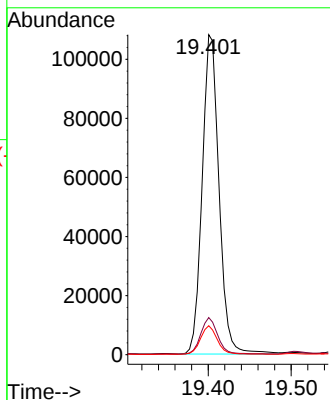
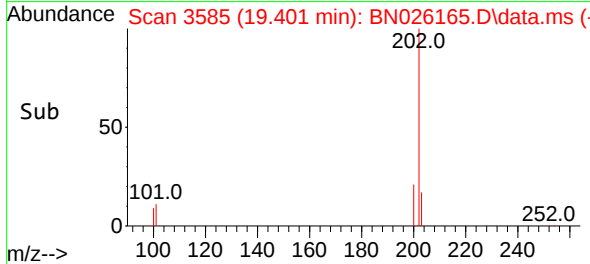
Instrument :
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ClientSampleId :
DCFZ6DL



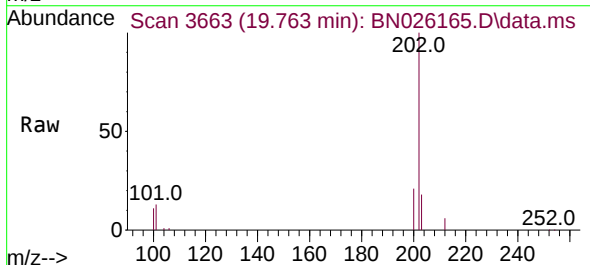
Tgt Ion:202 Resp: 152892
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
100 9.1 7.3 10.9

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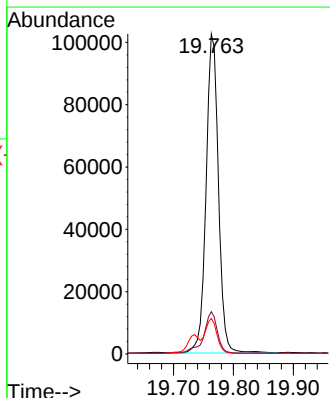
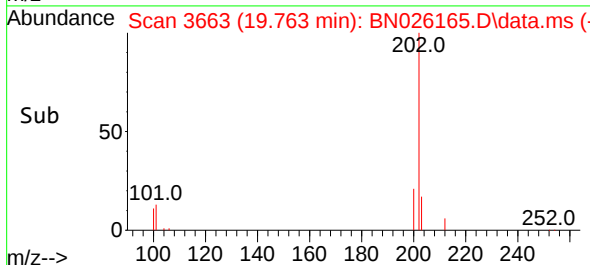
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

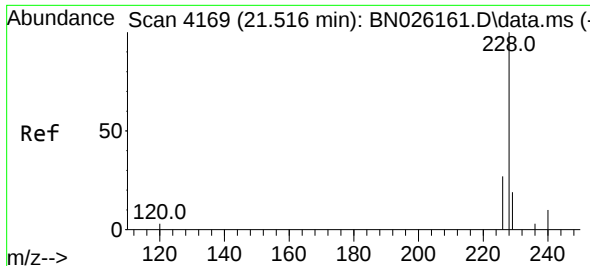


#20
Pyrene
Concen: 1.257 ng/ul
RT: 19.763 min Scan# 3663
Delta R.T. -0.010 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56



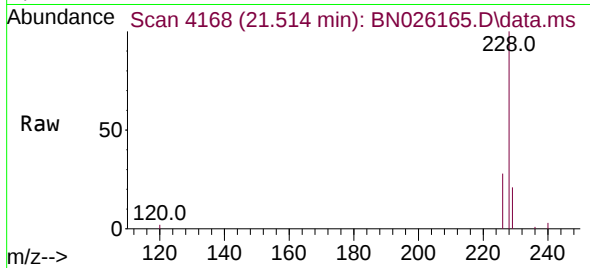
Tgt Ion:202 Resp: 146856
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 11.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.238 ng/ul
RT: 21.514 min Scan# 4169
Delta R.T. -0.012 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56

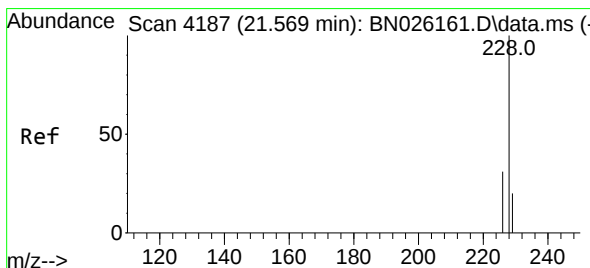
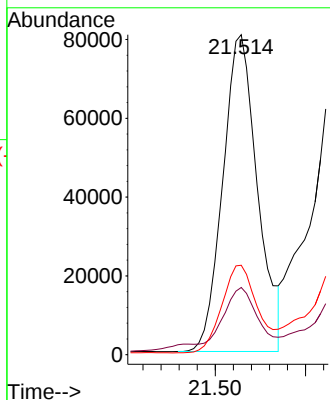
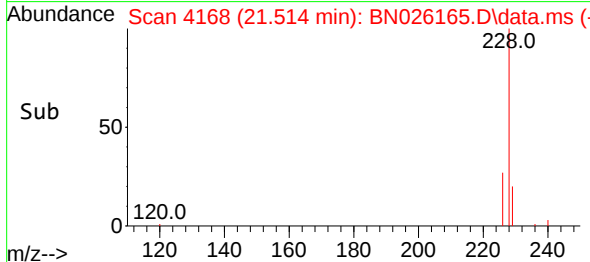
Instrument :
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ClientSampleId :
DCFZ6DL



Tgt Ion:228 Resp: 10738
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 27.9 22.5 33.7

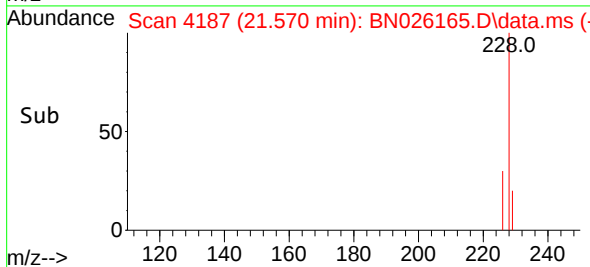
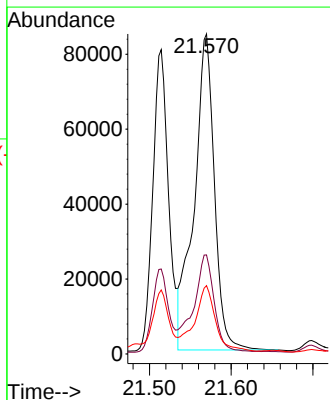
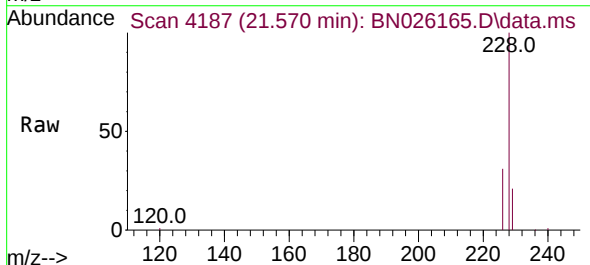
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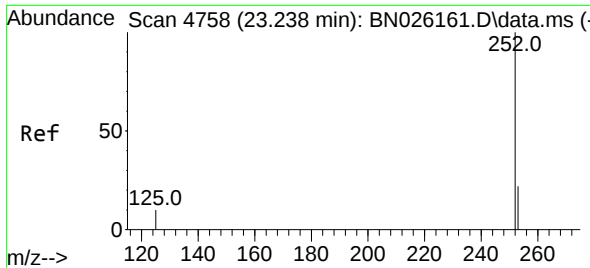
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 1.612 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56

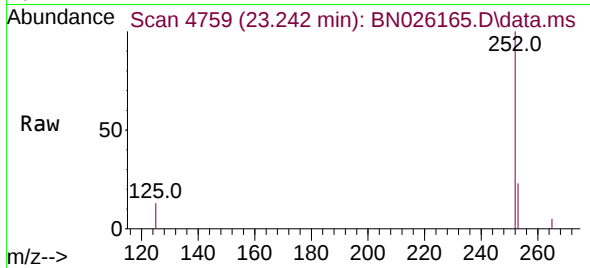
Tgt Ion:228 Resp: 145510
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 21.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.827 ng/ul m
RT: 23.242 min Scan# 4759
Delta R.T. -0.001 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56

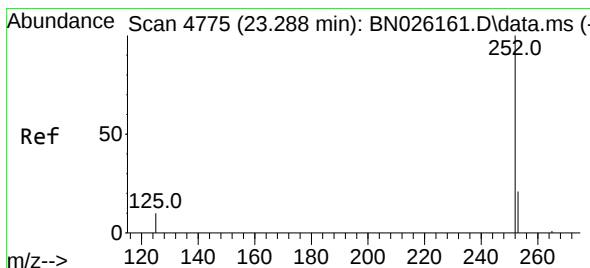
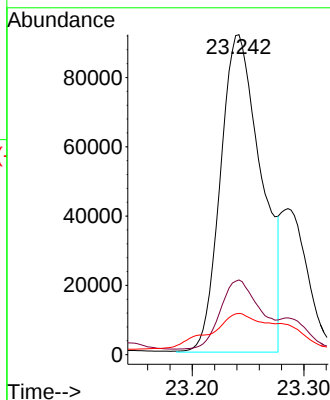
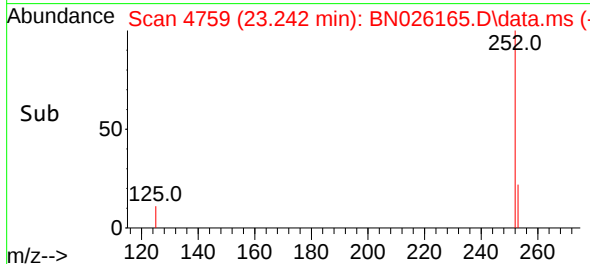
Instrument :
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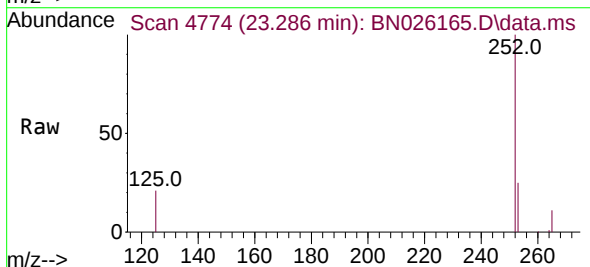
Tgt Ion:252 Resp: 23287
Ion Ratio Lower Upper
252 100
253 23.4 0.0 55.6
125 12.9 0.0 35.8

Manual Integrations
APPROVED

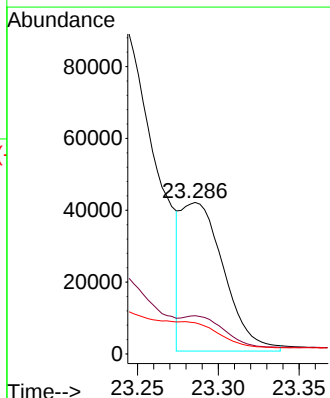
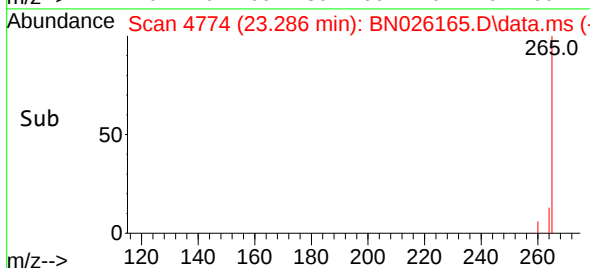
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

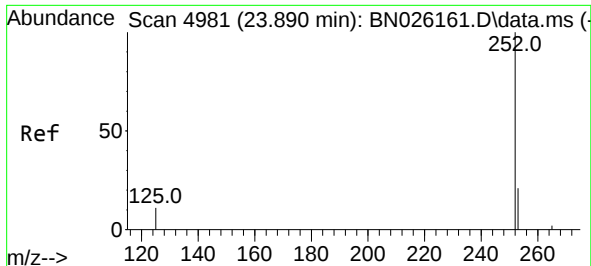


#25
Benzo(k)fluoranthene
Concen: 0.923 ng/ul m
RT: 23.286 min Scan# 4774
Delta R.T. -0.006 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56



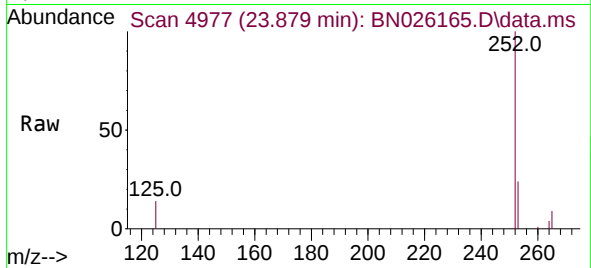
Tgt Ion:252 Resp: 76337
Ion Ratio Lower Upper
252 100
253 25.2 23.2 34.8
125 20.6 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.761 ng/ul
RT: 23.879 min Scan# 4981
Delta R.T. -0.006 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56

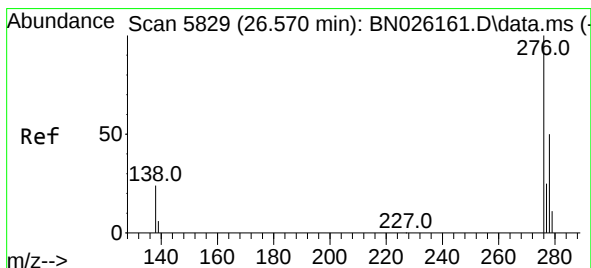
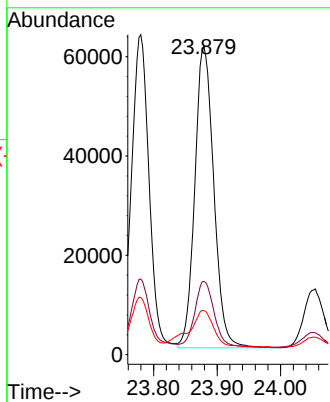
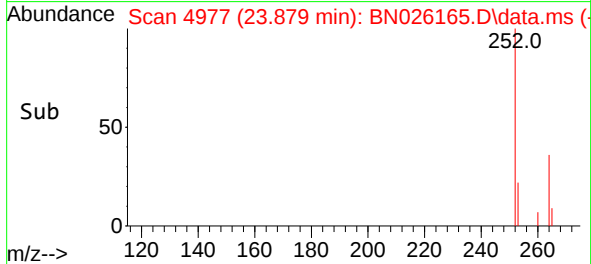
Instrument :
BNA_N
ClientSampleId :
DCFZ6DL



Tgt Ion:252 Resp: 125984
Ion Ratio Lower Upper
252 100
253 23.7 26.0 39.0#
125 14.3 17.3 25.9#

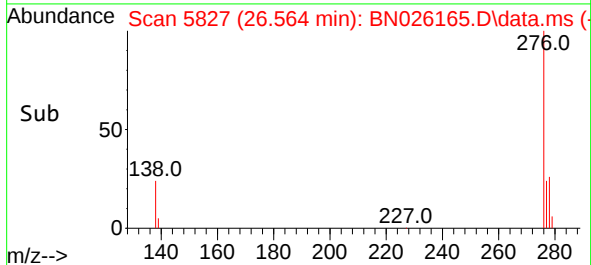
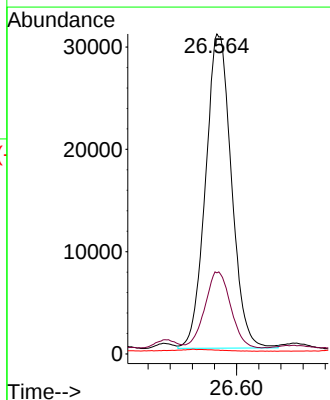
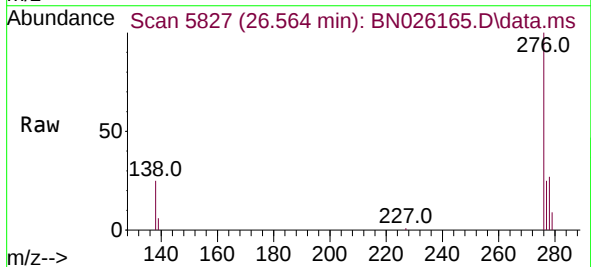
Manual Integrations
APPROVED

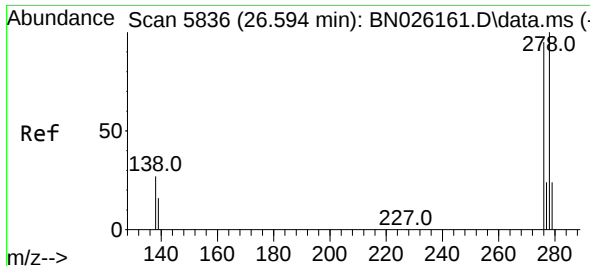
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.275 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. 0.006 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56

Tgt Ion:276 Resp: 99632
Ion Ratio Lower Upper
276 100
138 24.0 24.5 36.7#
227 0.0 0.0 0.0





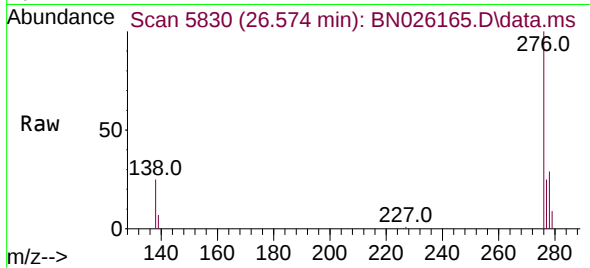
#28
Dibenzo(a,h)anthracene
Concen: 0.520 ng/ul
RT: 26.574 min Scan# 5830
Delta R.T. -0.004 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56

Instrument :

BNA_N

ClientSampleId :

DCFZ6DL

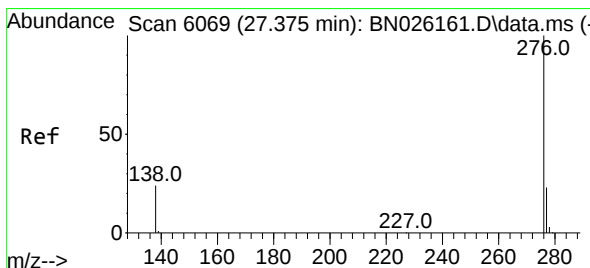
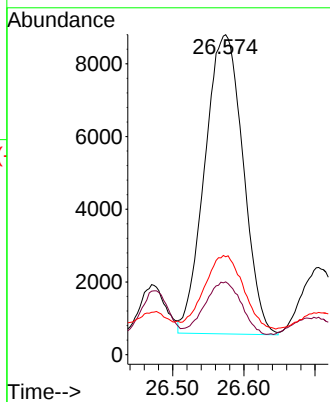
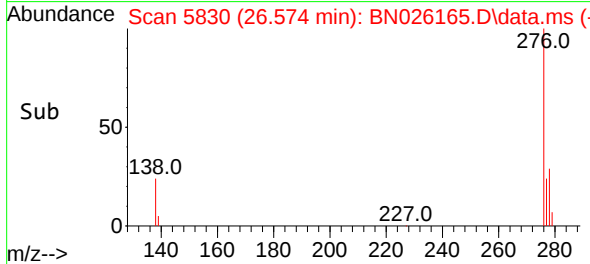


Tgt Ion:278 Resp: 3074
Ion Ratio Lower Upper
278 100
139 22.7 19.0 28.4
279 30.6 26.7 40.1

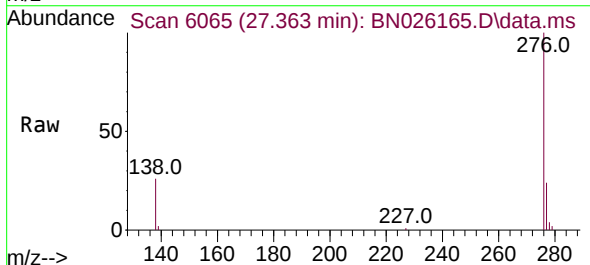
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.394 ng/ul
RT: 27.363 min Scan# 6065
Delta R.T. 0.016 min
Lab File: BN026165.D
Acq: 01 Jul 2023 23:56



Tgt Ion:276 Resp: 96932
Ion Ratio Lower Upper
276 100
138 25.7 23.4 35.0
277 24.2 20.0 30.0

