

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026163.D
 Acq On : 01 Jul 2023 22:43
 Operator : MA/JU
 Sample : 03239-13DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFZ1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 02:43:17 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	7892	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	26006	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.599	164	15366	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	30991	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	18879	0.400	ng/ul	-0.01
23) Perylene-d12	23.973	264	18299	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	2908	0.327	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	894	0.022	ng/ul	0.00
18) Fluoranthene-d10	19.369	212	1954	0.027	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.820	128	7071	0.095	ng/ul#	96
7) 2-Methylnaphthalene	12.436	142	2544	0.054	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	1728	0.035	ng/ul	97
10) Acenaphthylene	14.321	152	18203	0.253	ng/ul	99
11) Acenaphthene	14.659	153	3289	0.056	ng/ul	97
12) Fluorene	15.649	166	3434	0.051	ng/ul#	97
15) Phenanthrene	17.386	178	140869	1.376	ng/ul	100
16) Anthracene	17.479	178	26972	0.296	ng/ul	98
19) Fluoranthene	19.401	202	438712	4.351	ng/ul	97
20) Pyrene	19.764	202	347519	3.313	ng/ul	96
21) Benzo(a)anthracene	21.509	228	159558	2.049	ng/ul	98
22) Chrysene	21.565	228	183776	2.268	ng/ul	98
24) Benzo(b)fluoranthene	23.228	252	242401m	3.104	ng/ul	
25) Benzo(k)fluoranthene	23.269	252	93170m	1.188	ng/ul	
26) Benzo(a)pyrene	23.862	252	148338	2.187	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.528	276	108119	1.459	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.538	278	26946	0.481	ng/ul	99
29) Benzo(g,h,i)perylene	27.320	276	101760	1.544	ng/ul	96

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

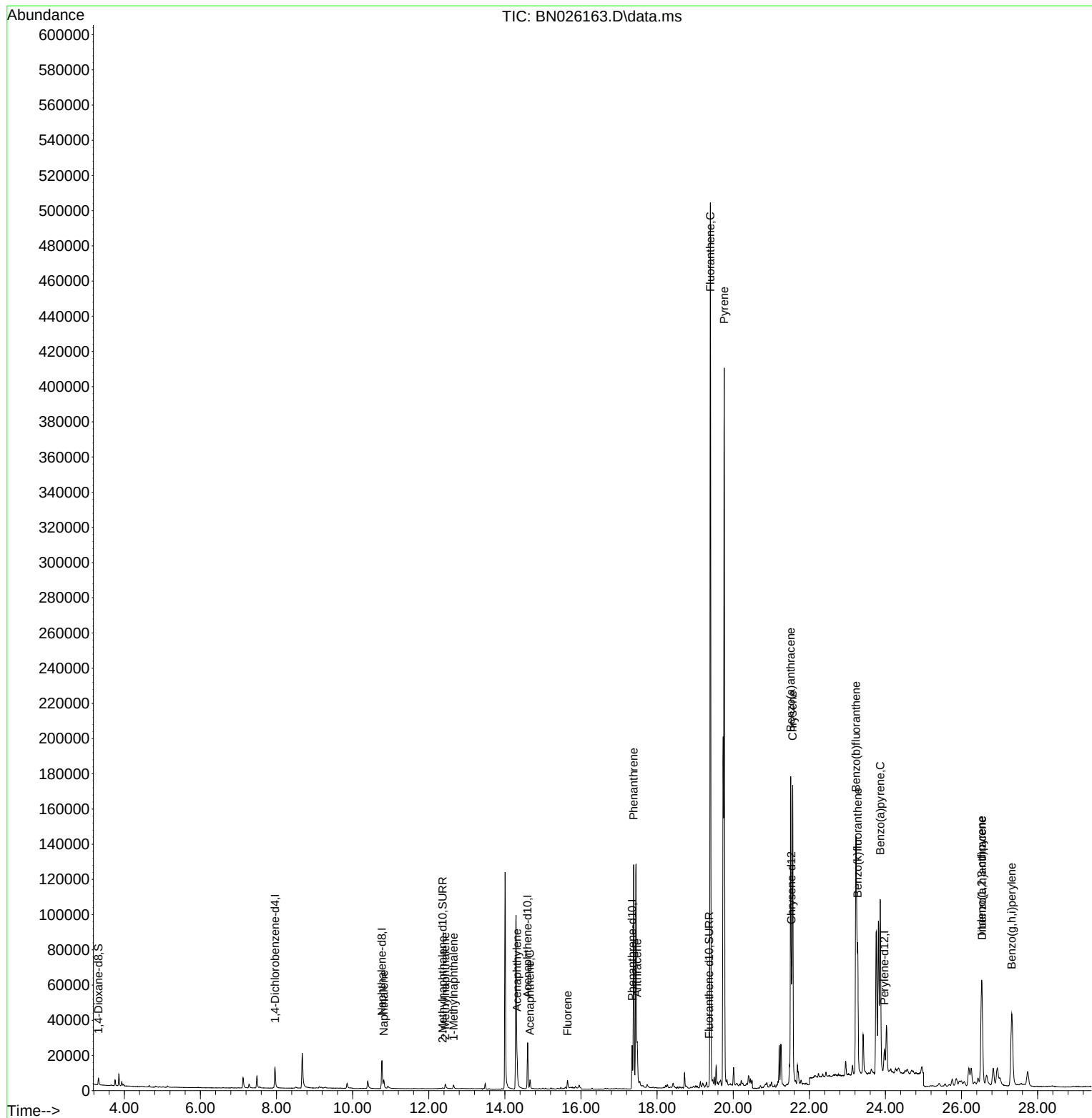
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026163.D
Acq On : 01 Jul 2023 22:43
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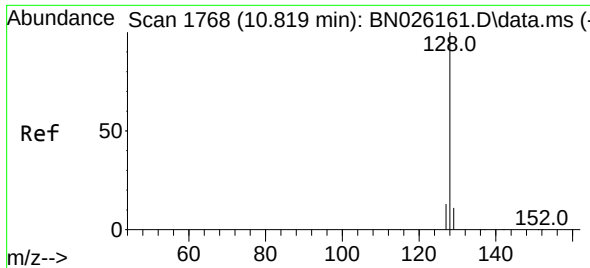
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Quant Time: Jul 02 02:43:17 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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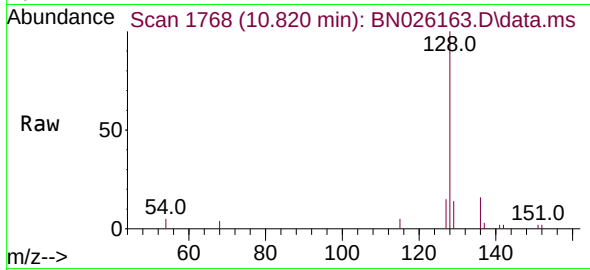
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

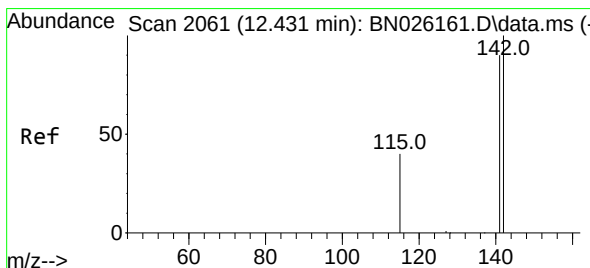
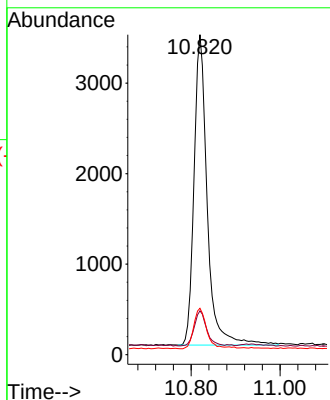
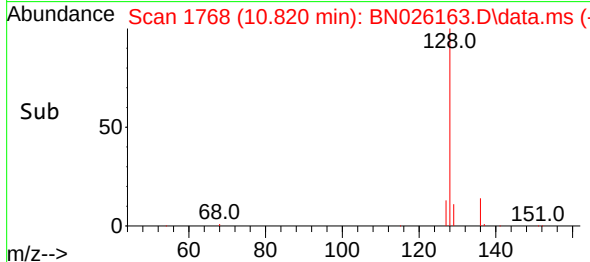
Instrument :
BNA_N
ClientSampleId :
DCFZ1DL



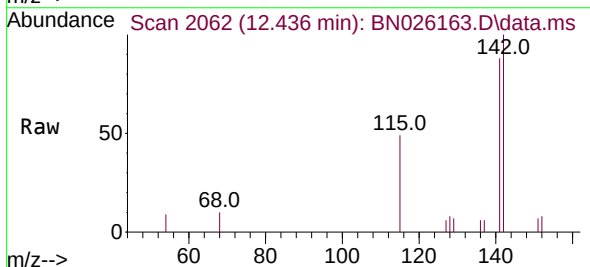
Tgt Ion:128 Resp: 7071
Ion Ratio Lower Upper
128 100
129 13.7 9.1 13.7
127 14.5 10.7 16.1

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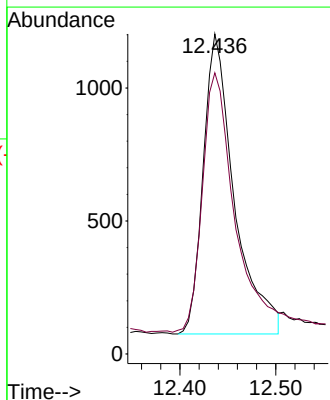
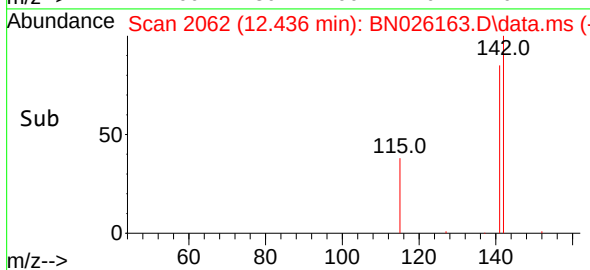
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

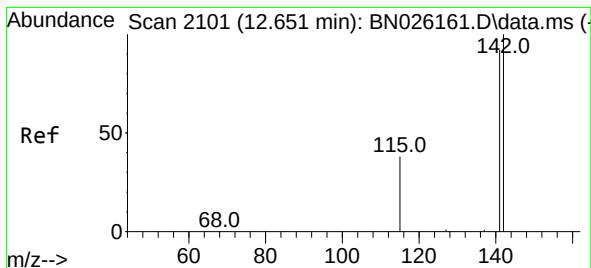


#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43



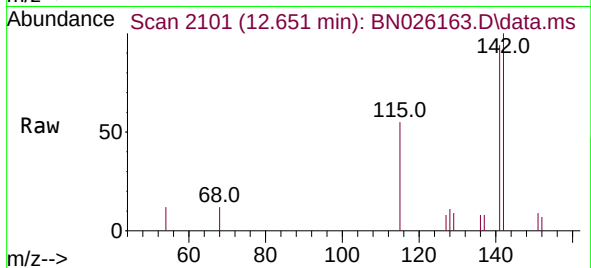
Tgt Ion:142 Resp: 2544
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

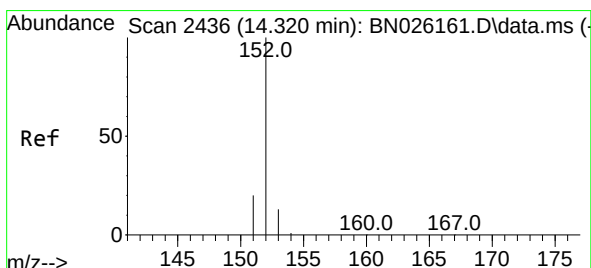
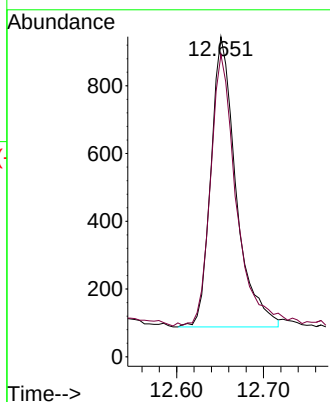
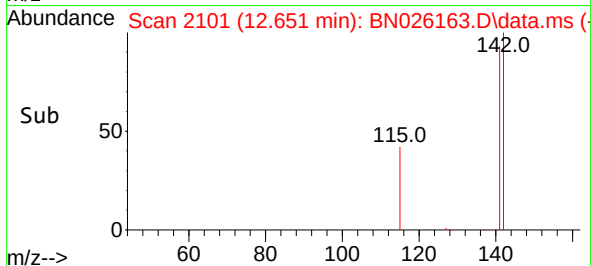
Instrument :
BNA_N
ClientSampleId :
DCFZ1DL



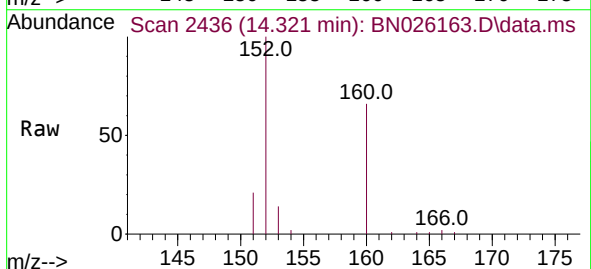
Tgt Ion:142 Resp: 1728
Ion Ratio Lower Upper
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141 95.5 74.2 111.4

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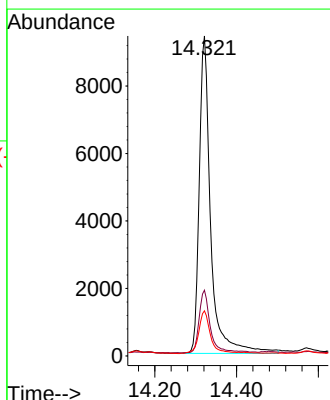
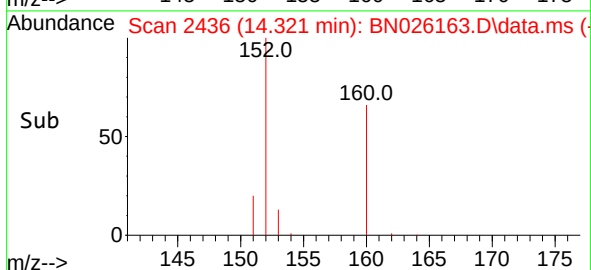
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

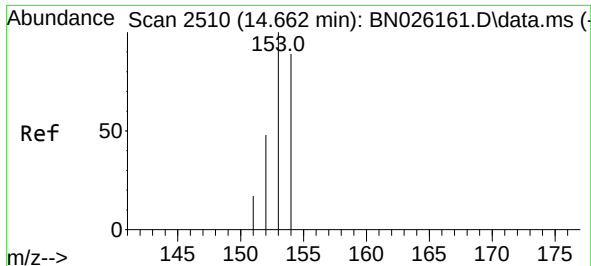


#10
Acenaphthylene
Concen: 0.253 ng/ul
RT: 14.321 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43



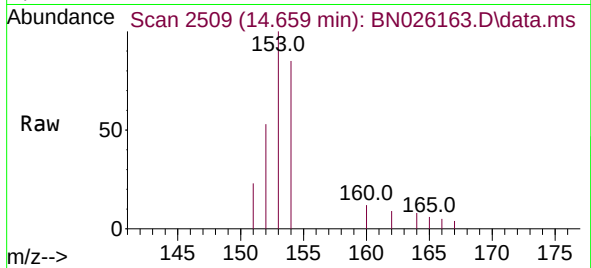
Tgt Ion:152 Resp: 18203
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.056 ng/u1
RT: 14.659 min Scan# 2509
Delta R.T. -0.009 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

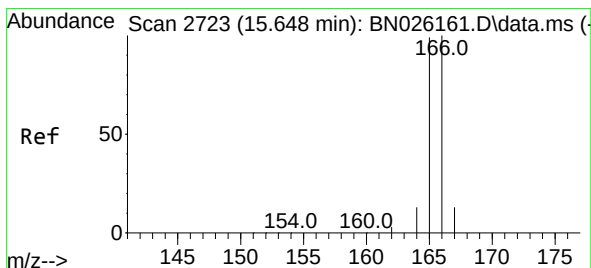
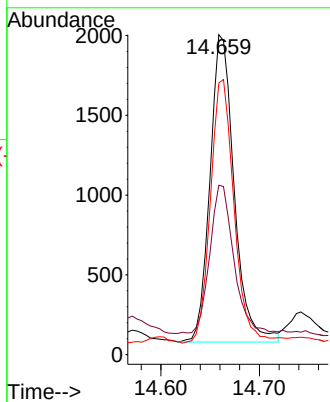
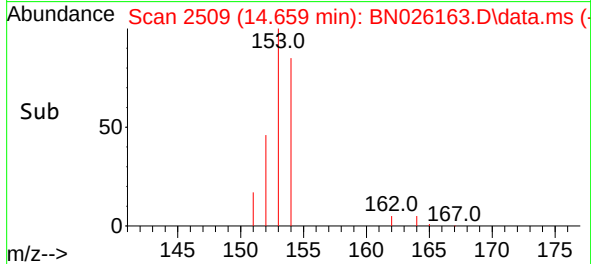
Instrument :
BNA_N
ClientSampleId :
DCFZ1DL



Tgt Ion:153 Resp: 3289
Ion Ratio Lower Upper
153 100
152 53.0 39.4 59.0
154 84.9 68.9 103.3

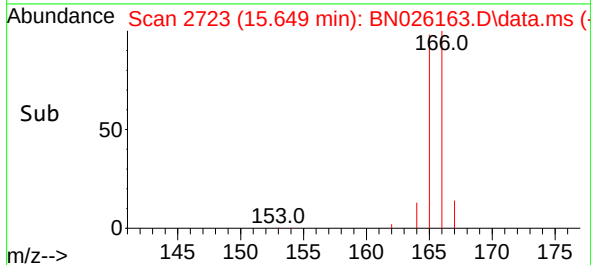
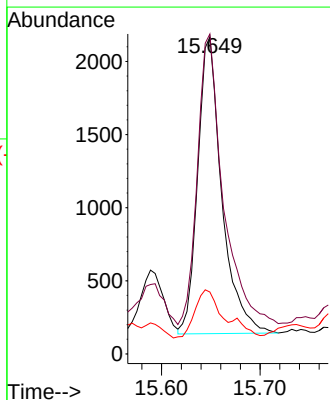
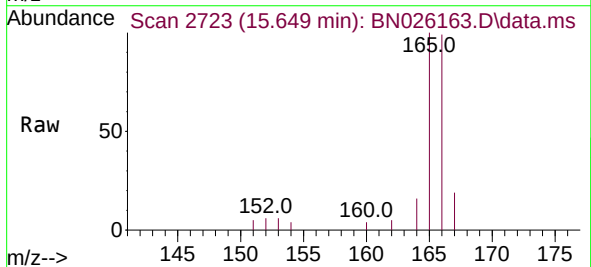
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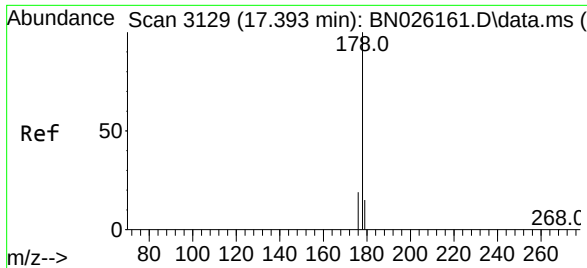
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.051 ng/u1
RT: 15.649 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

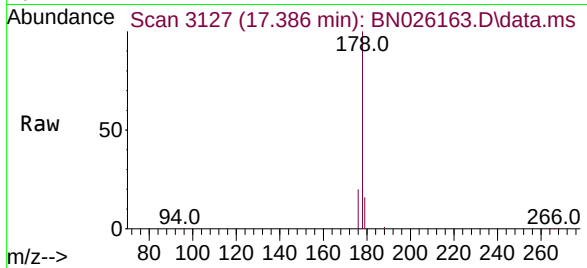
Tgt Ion:166 Resp: 3434
Ion Ratio Lower Upper
166 100
165 100.9 79.9 119.9
167 19.5 10.8 16.2





#15
Phenanthrene
Concen: 1.376 ng/ul
RT: 17.386 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

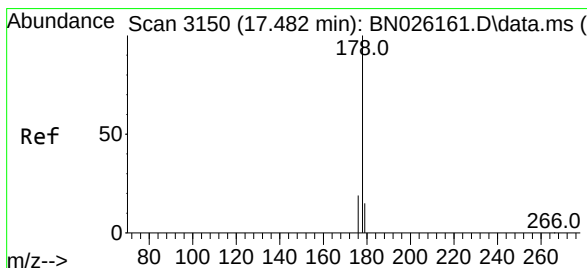
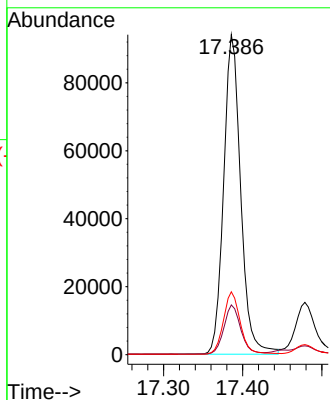
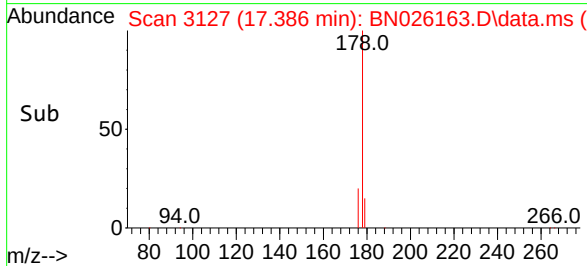
Instrument :
BNA_N
ClientSampleId :
DCFZ1DL



Tgt Ion:178 Resp: 140869
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.6 15.8 23.6

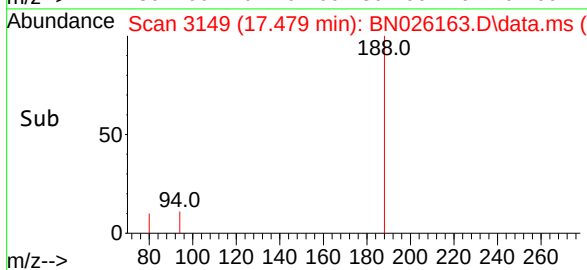
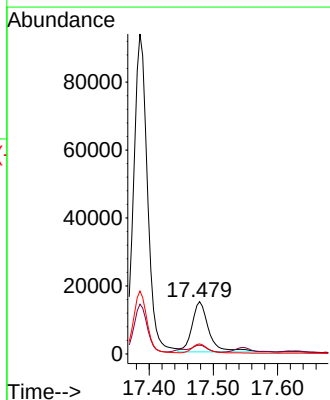
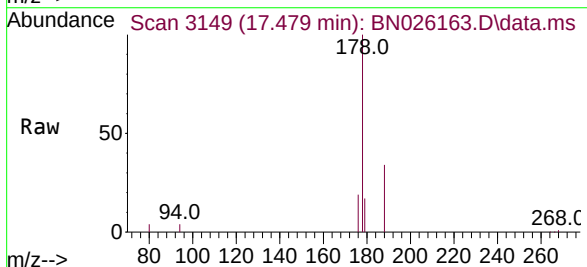
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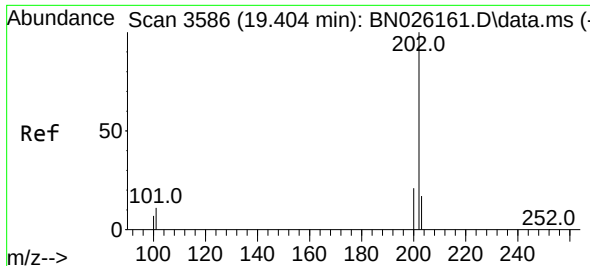
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.296 ng/ul
RT: 17.479 min Scan# 3149
Delta R.T. -0.008 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

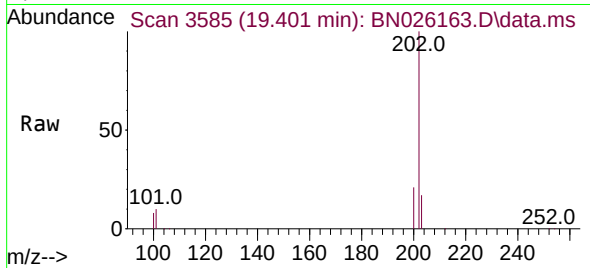
Tgt Ion:178 Resp: 26972
Ion Ratio Lower Upper
178 100
179 16.9 12.6 18.8
176 19.4 15.1 22.7





#19
Fluoranthene
Concen: 4.351 ng/u1
RT: 19.401 min Scan# 3585
Delta R.T. -0.009 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

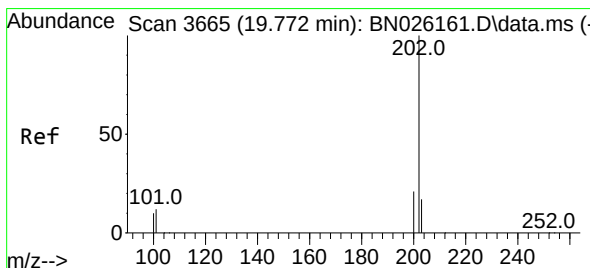
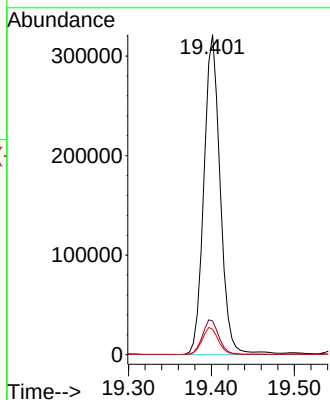
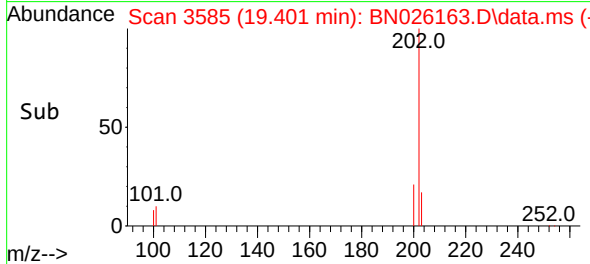
Instrument :
BNA_N
ClientSampleId :
DCFZ1DL



Tgt Ion:202 Resp: 438712
Ion Ratio Lower Upper
202 100
101 10.5 9.5 14.3
100 7.9 7.3 10.9

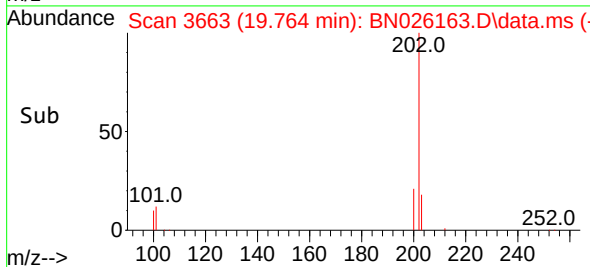
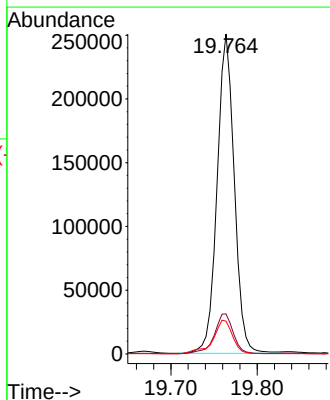
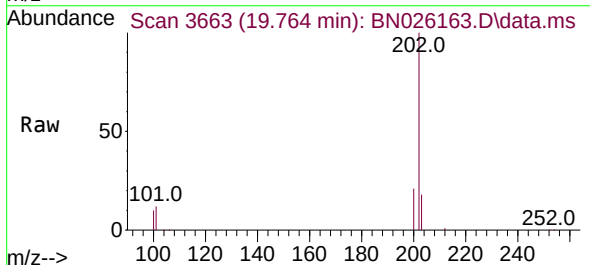
Manual Integrations
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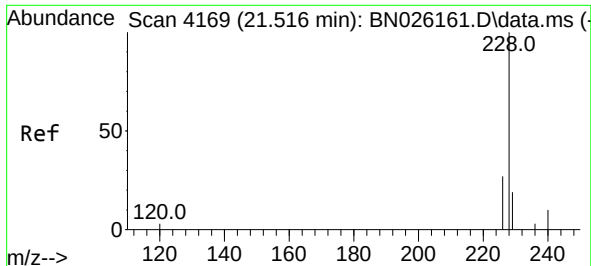
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 3.313 ng/u1
RT: 19.764 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

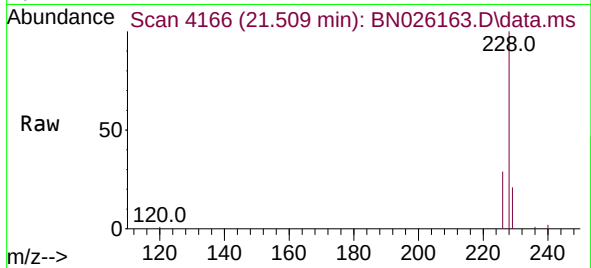
Tgt Ion:202 Resp: 347519
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.049 ng/ul
RT: 21.509 min Scan# 4166
Delta R.T. -0.017 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

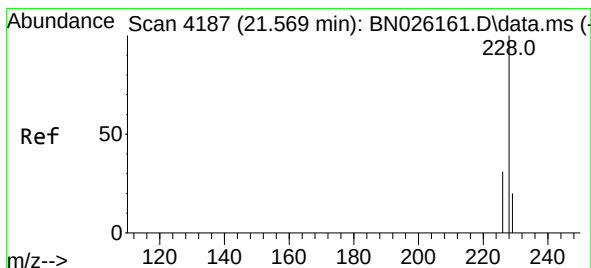
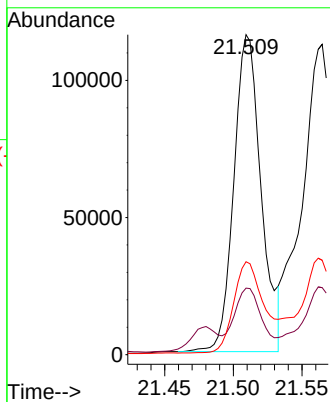
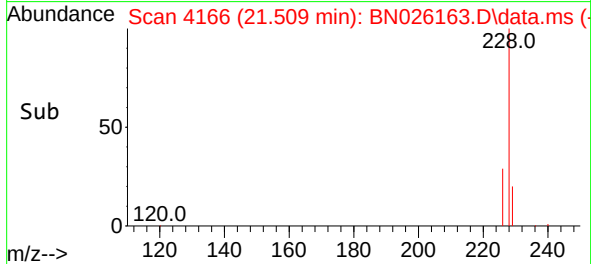
Instrument :
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DCFZ1DL



Tgt Ion:228 Resp: 159558
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 29.0 22.5 33.7

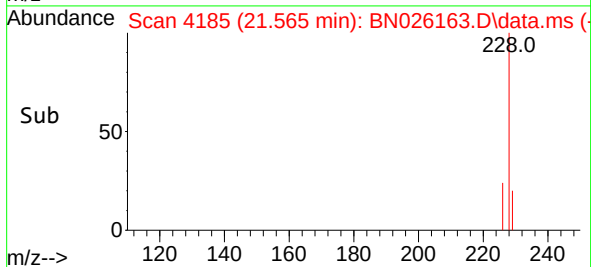
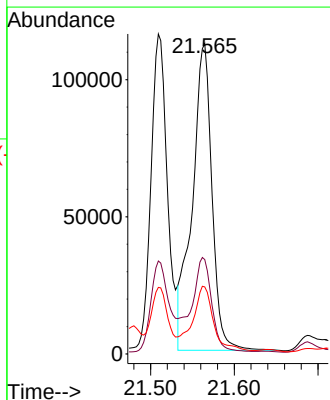
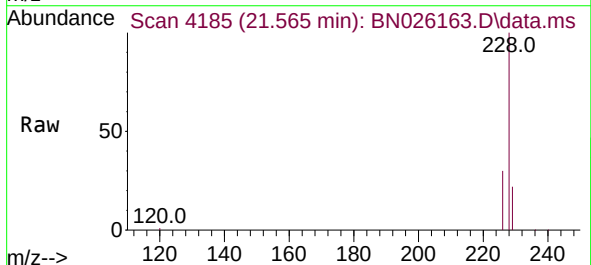
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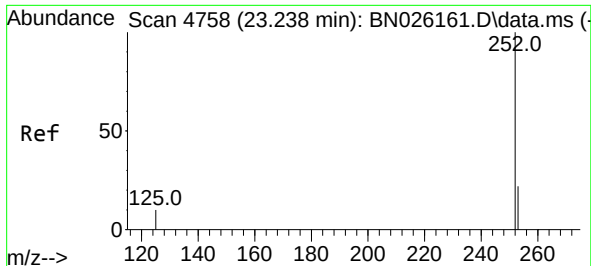
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 2.268 ng/ul
RT: 21.565 min Scan# 4185
Delta R.T. -0.014 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

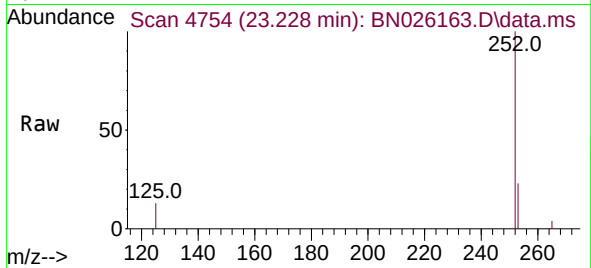
Tgt Ion:228 Resp: 183776
Ion Ratio Lower Upper
228 100
226 30.4 24.8 37.2
229 21.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.104 ng/ul m
RT: 23.228 min Scan# 4754
Delta R.T. -0.014 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

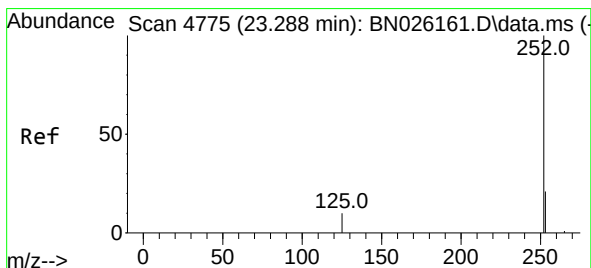
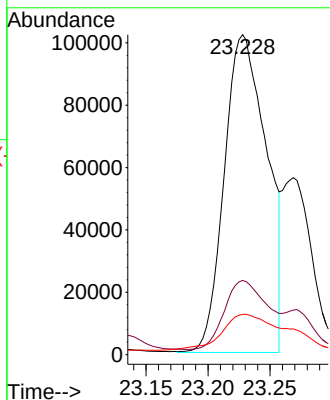
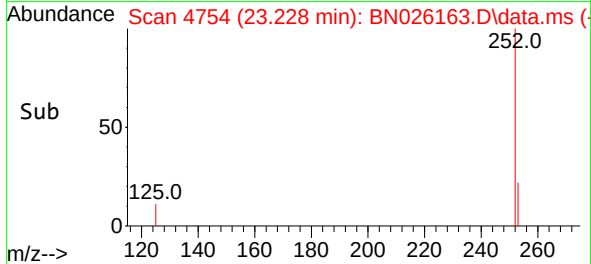
Instrument :
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ClientSampleId :
DCFZ1DL



Tgt Ion:252 Resp: 24240
Ion Ratio Lower Upper
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253 23.2 0.0 55.6
125 12.6 0.0 35.8

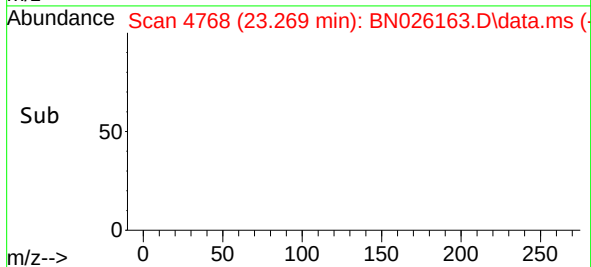
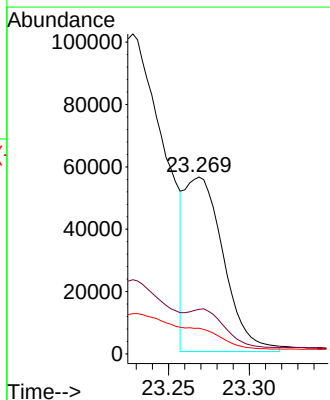
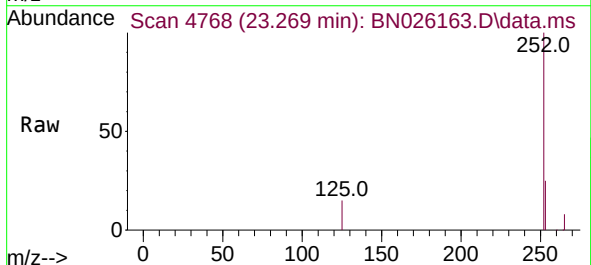
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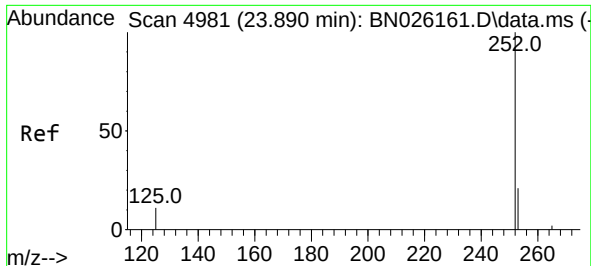
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 1.188 ng/ul m
RT: 23.269 min Scan# 4768
Delta R.T. -0.023 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

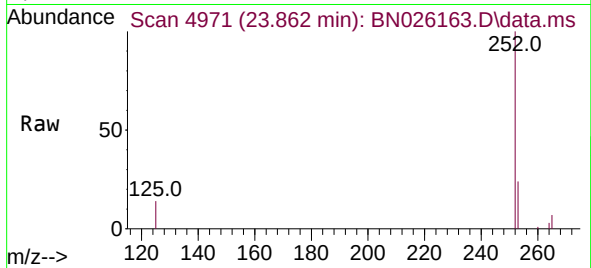
Tgt Ion:252 Resp: 93170
Ion Ratio Lower Upper
252 100
253 25.2 23.2 34.8
125 14.5 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 2.187 ng/ul
RT: 23.862 min Scan# 4981
Delta R.T. -0.023 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

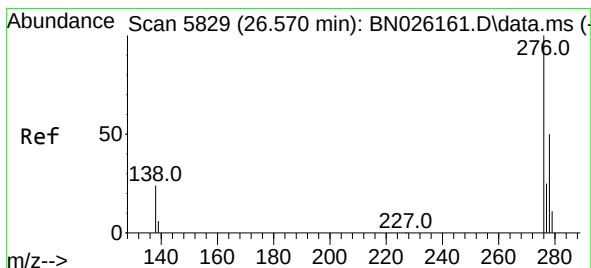
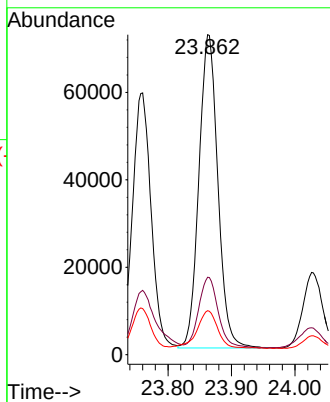
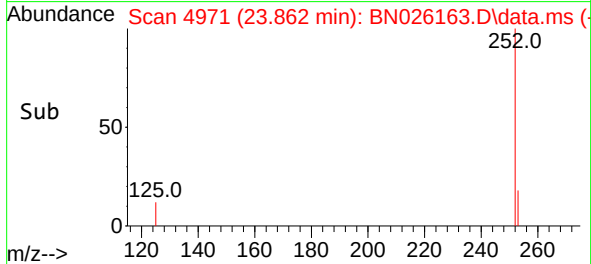
Instrument :
BNA_N
ClientSampleId :
DCFZ1DL



Tgt Ion:252 Resp: 148338
Ion Ratio Lower Upper
252 100
253 24.2 26.0 39.0#
125 13.7 17.3 25.9#

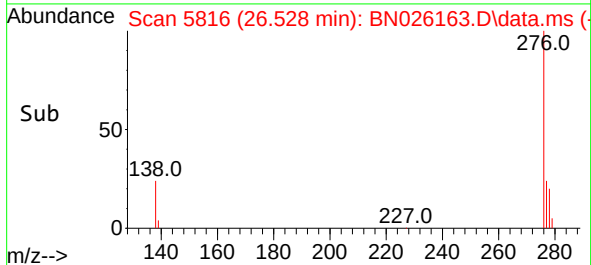
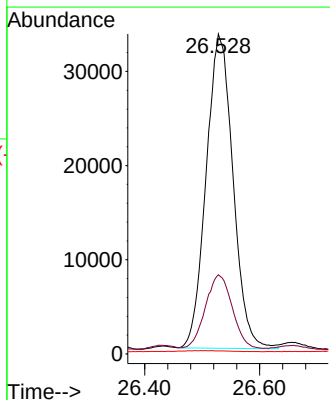
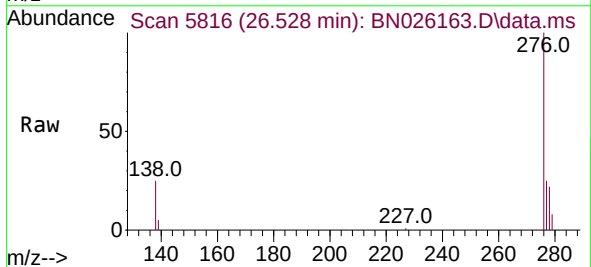
Manual Integrations
APPROVED

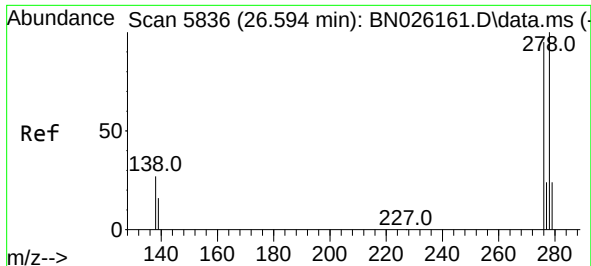
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.459 ng/ul
RT: 26.528 min Scan# 5816
Delta R.T. -0.030 min
Lab File: BN026163.D
Acq: 01 Jul 2023 22:43

Tgt Ion:276 Resp: 108119
Ion Ratio Lower Upper
276 100
138 24.1 24.5 36.7#
227 0.6 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.481 ng/ul

RT: 26.538 min Scan# 5819

Delta R.T. -0.040 min

Lab File: BN026163.D

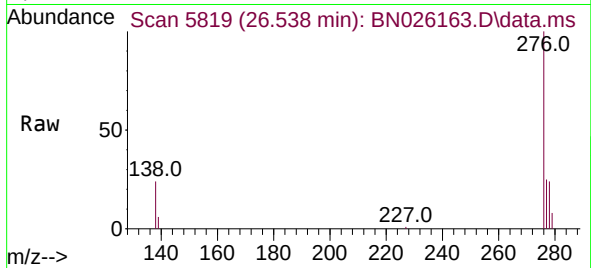
Acq: 01 Jul 2023 22:43

Instrument :

BNA_N

ClientSampleId :

DCFZ1DL



Tgt Ion: 278 Resp: 26940

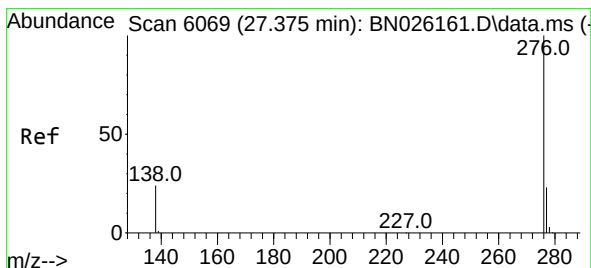
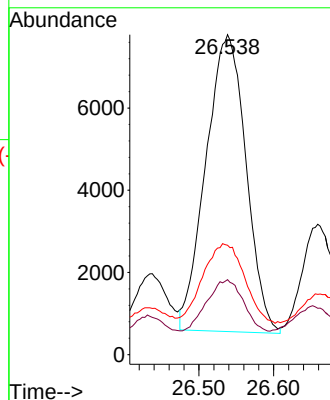
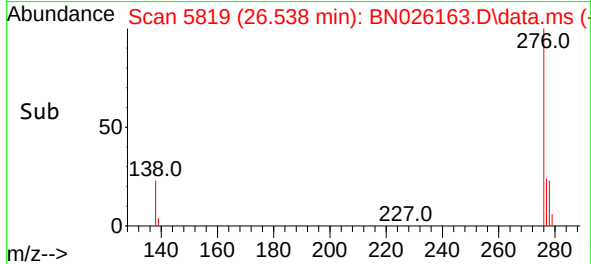
Ion	Ratio	Lower	Upper
278	100		
139	23.4	19.0	28.4
279	34.2	26.7	40.1

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 07/02/2023

Supervised By : Sohil Jodhani 07/02/2023



#29

Benzo(g,h,i)perylene

Concen: 1.544 ng/ul

RT: 27.320 min Scan# 6052

Delta R.T. -0.027 min

Lab File: BN026163.D

Acq: 01 Jul 2023 22:43

Tgt Ion: 276 Resp: 101760

Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.4	35.0
277	24.5	20.0	30.0

