

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026193.D
 Acq On : 02 Jul 2023 17:36
 Operator : MA/JU
 Sample : 03247-15
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 05:41:06 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	7.955	152	8964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	27367	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	15923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	30574	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	15450	0.400	ng/ul	# 0.00
23) Perylene-d12	24.008	264	19082	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	20544	2.035	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	6292	0.149	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	10524	0.179	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.820	128	30149	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.431	142	15212	0.305	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	10539	0.204	ng/ul	99
10) Acenaphthylene	14.320	152	46733	0.627	ng/ul	99
11) Acenaphthene	14.663	153	13923	0.228	ng/ul	98
12) Fluorene	15.648	166	14869	0.213	ng/ul#	98
15) Phenanthrene	17.389	178	446978	4.426	ng/ul	99
16) Anthracene	17.482	178	108300	1.207	ng/ul	100
19) Fluoranthene	19.405	202	1987452	24.084	ng/ul	97
20) Pyrene	19.772	202	1830855	21.331	ng/ul	94
21) Benzo(a)anthracene	21.520	228	926408	14.535	ng/ul	98
22) Chrysene	21.576	228	969073	14.612	ng/ul	97
24) Benzo(b)fluoranthene	23.253	252	1594428m	19.577	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	480960m	5.881	ng/ul	
26) Benzo(a)pyrene	23.902	252	1033716	14.613	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.598	276	828591	10.724	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.604	278	188307	3.220	ng/ul	92
29) Benzo(g,h,i)perylene	27.406	276	788497	11.472	ng/ul#	92

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

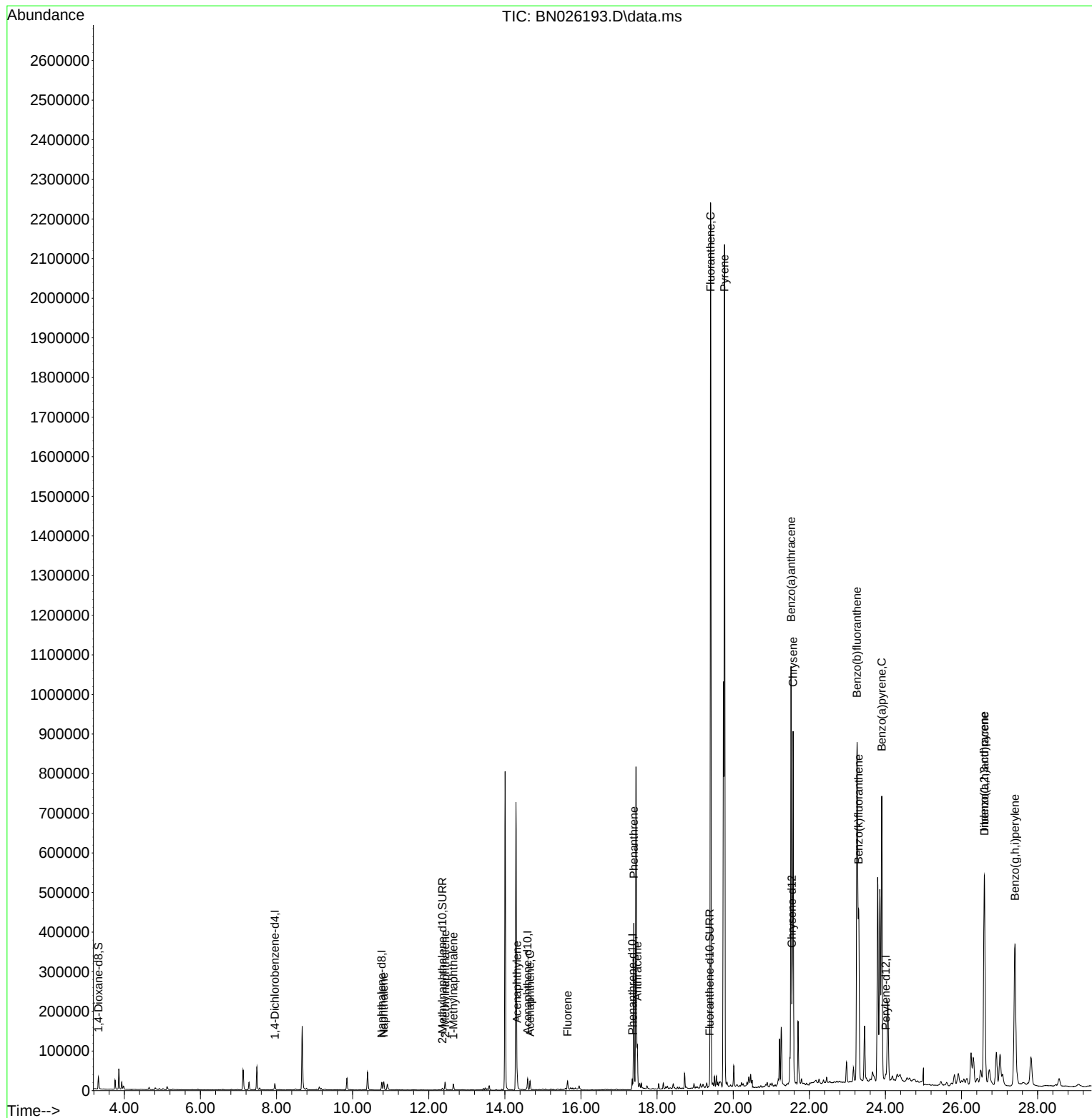
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026193.D
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ALS Vial : 50 Sample Multiplier: 1

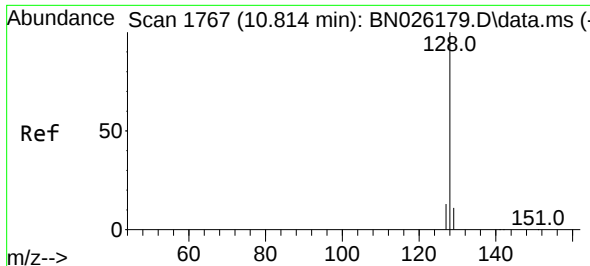
Instrument :
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Quant Time: Jul 03 05:41:06 2023
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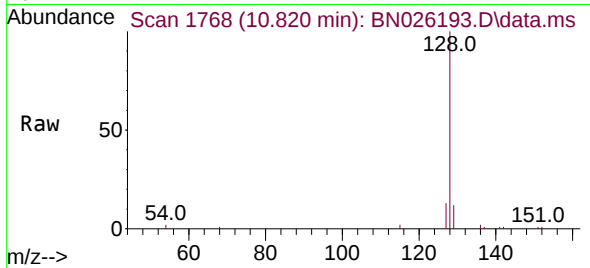
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.820 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

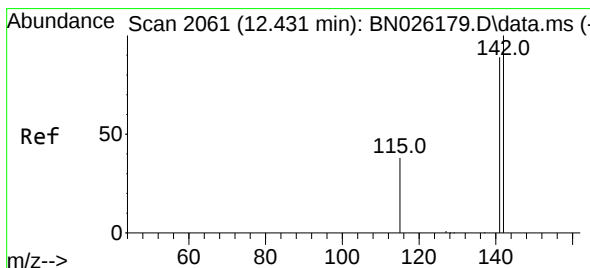
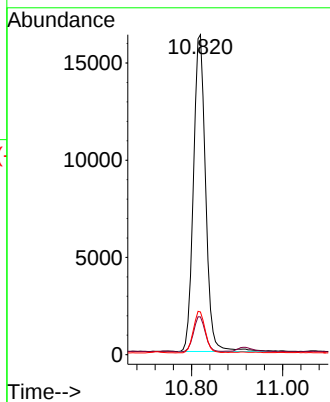
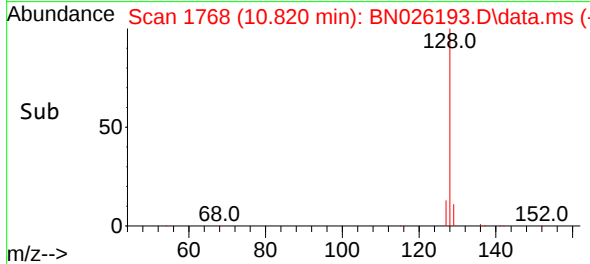
Instrument :
BNA_N
ClientSampleId :
DCGM1



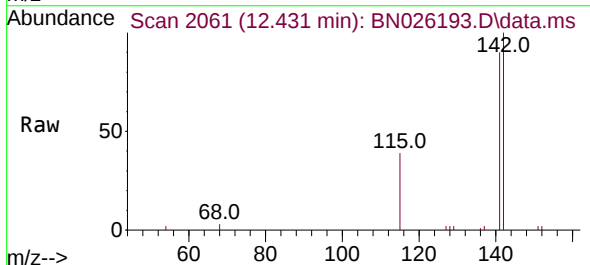
Tgt Ion:128 Resp: 30149
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.3 10.7 16.1

Manual Integrations
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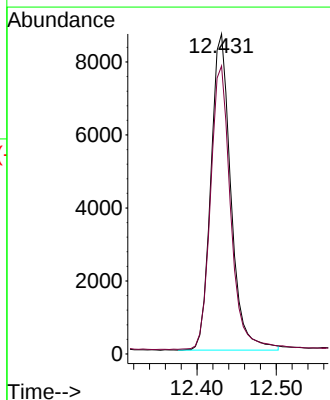
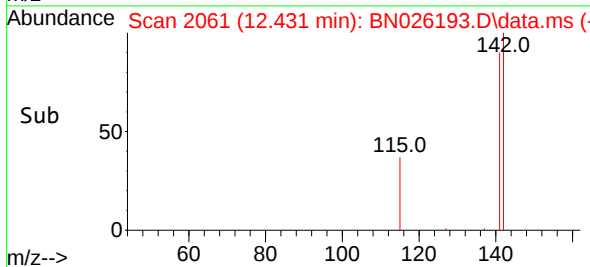
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

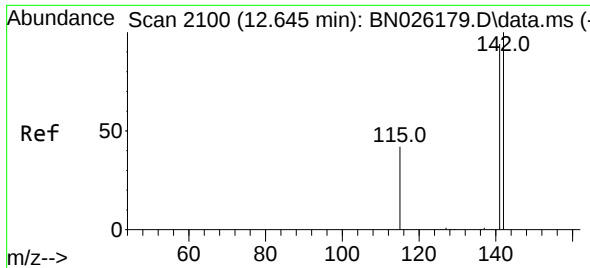


#7
2-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36



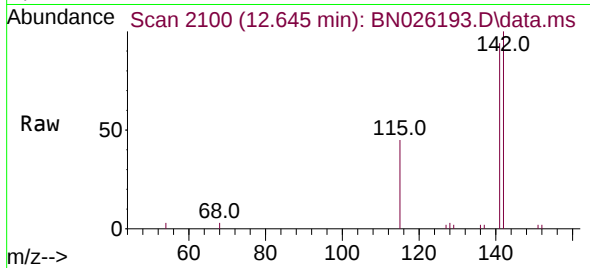
Tgt Ion:142 Resp: 15212
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.204 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

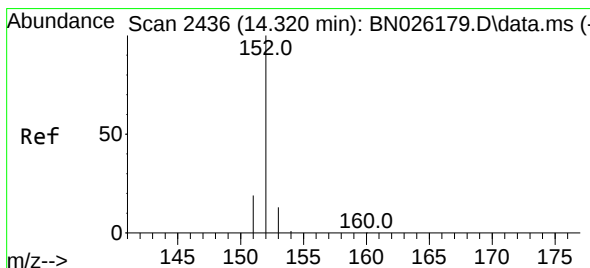
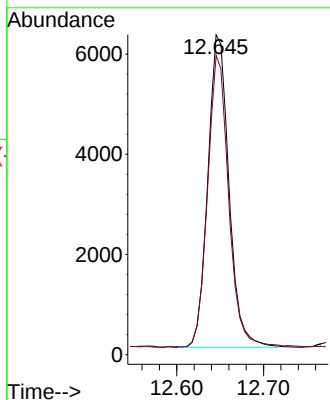
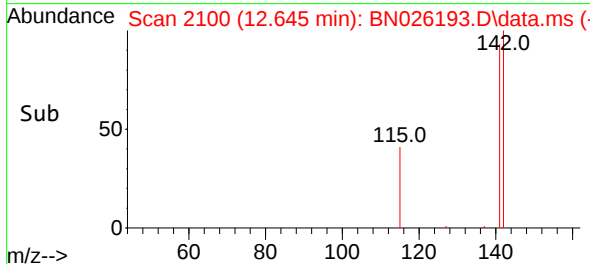
Instrument :
BNA_N
ClientSampleId :
DCGM1



Tgt Ion:142 Resp: 10539
Ion Ratio Lower Upper
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141 93.3 74.2 111.4

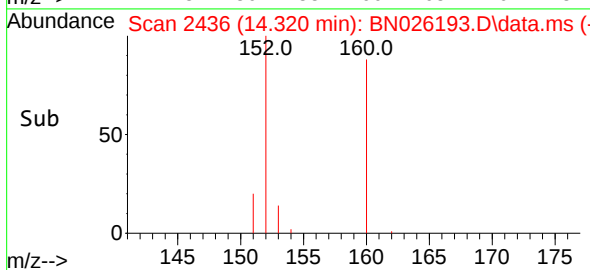
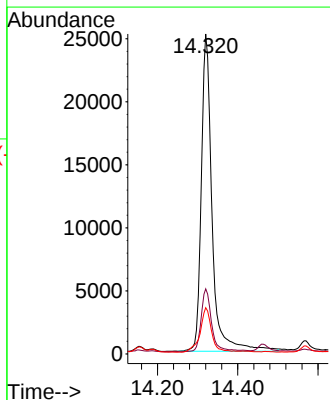
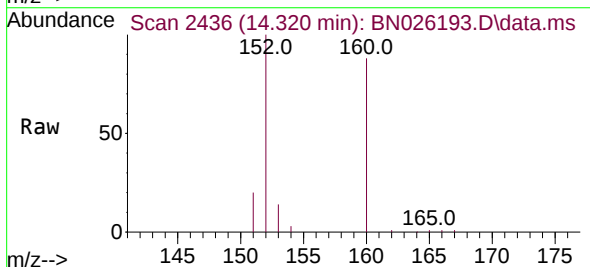
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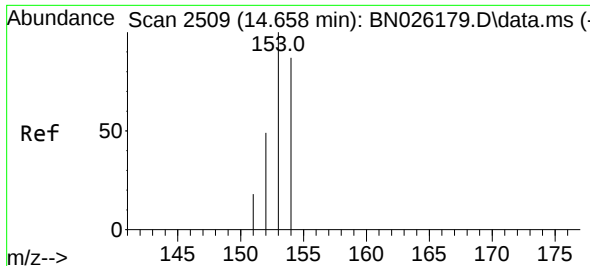
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.627 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

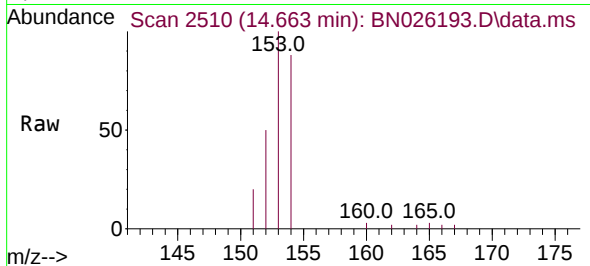
Tgt Ion:152 Resp: 46733
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.4 10.9 16.3





#11
Acenaphthene
Concen: 0.228 ng/ul
RT: 14.663 min Scan# 2510
Delta R.T. -0.005 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

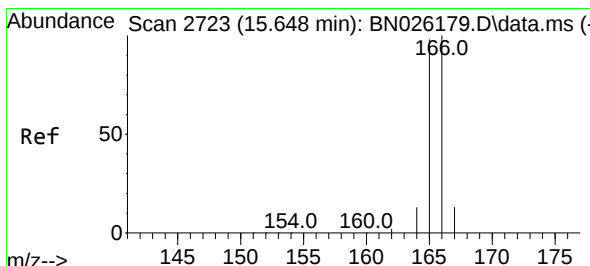
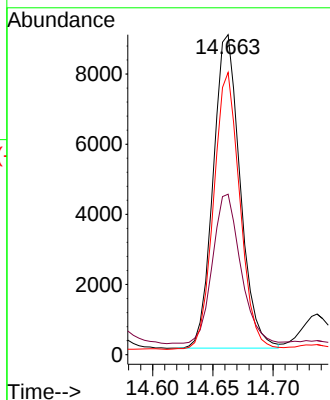
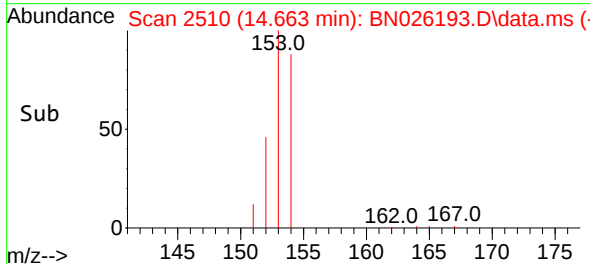
Instrument :
BNA_N
ClientSampleId :
DCGM1



Tgt Ion:153 Resp: 1392
Ion Ratio Lower Upper
153 100
152 50.1 39.4 59.0
154 88.2 68.9 103.3

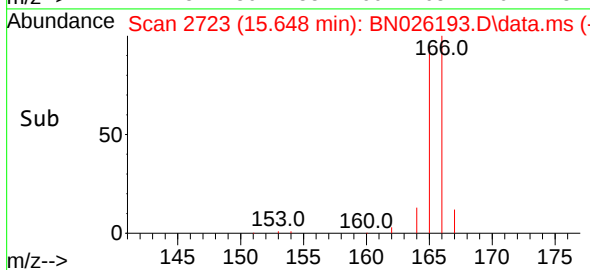
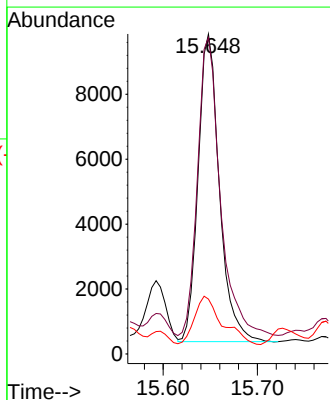
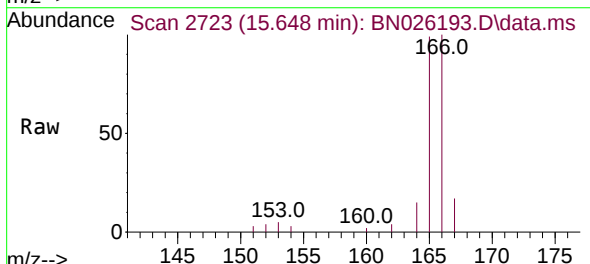
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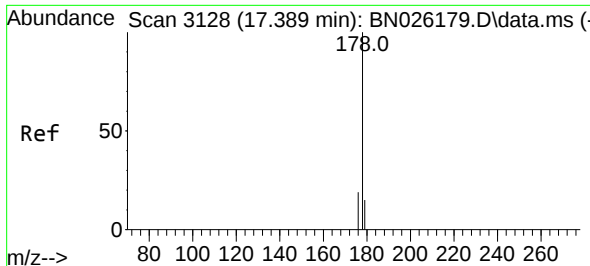
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#12
Fluorene
Concen: 0.213 ng/ul
RT: 15.648 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

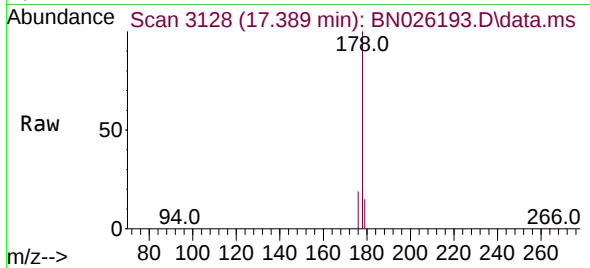
Tgt Ion:166 Resp: 14869
Ion Ratio Lower Upper
166 100
165 98.9 79.9 119.9
167 17.2 10.8 16.2#





#15
Phenanthrene
Concen: 4.426 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

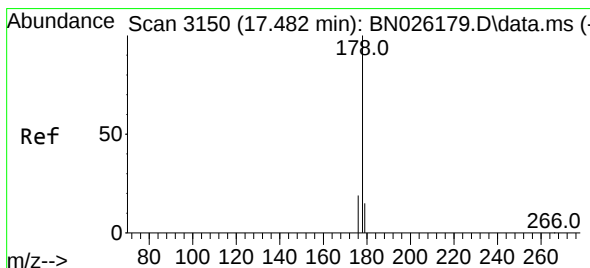
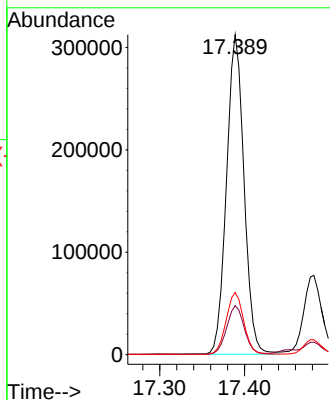
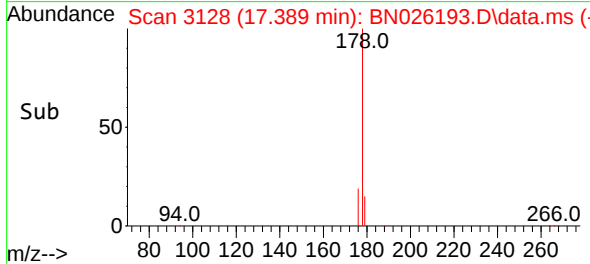
Instrument :
BNA_N
ClientSampleId :
DCGM1



Tgt Ion:178 Resp: 446978
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 15.8 23.6

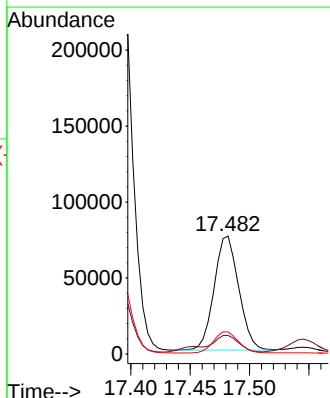
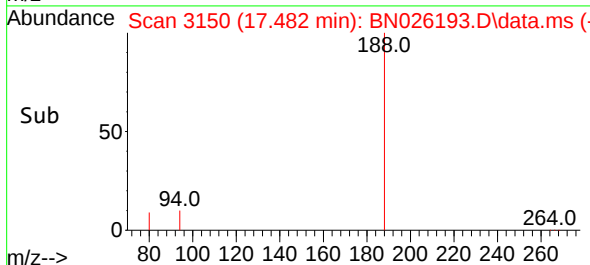
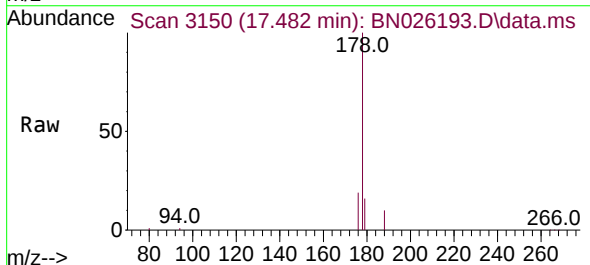
Manual Integrations
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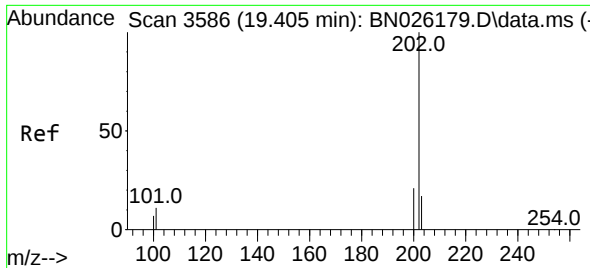
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#16
Anthracene
Concen: 1.207 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

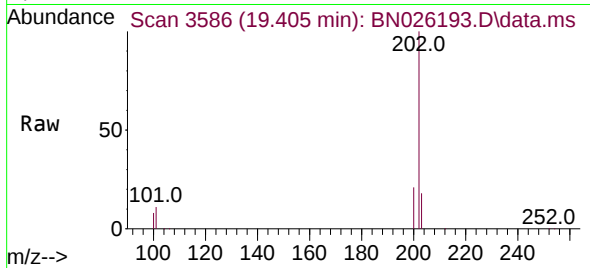
Tgt Ion:178 Resp: 108300
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.8 15.1 22.7





#19
Fluoranthene
Concen: 24.084 ng/u1
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

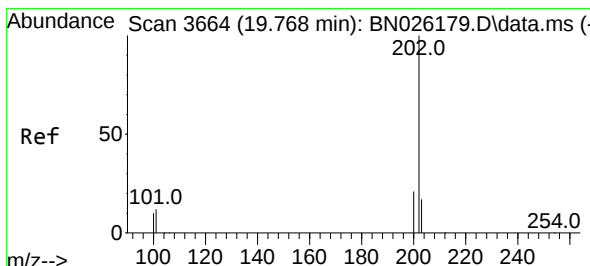
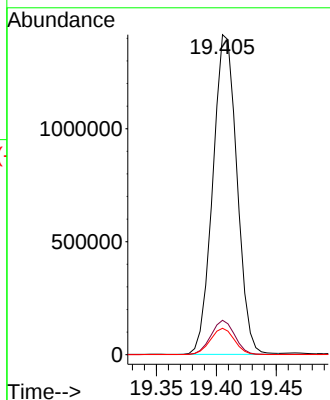
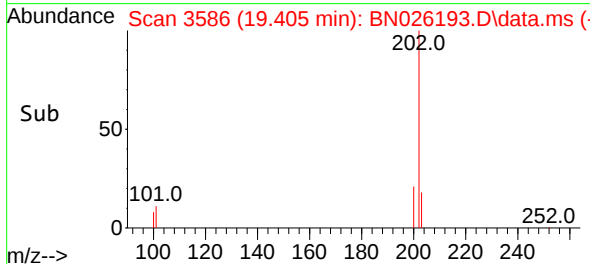
Instrument :
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ClientSampleId :
DCGM1



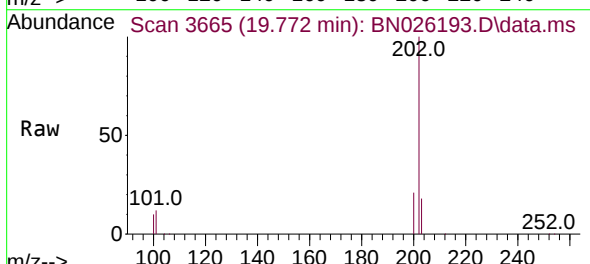
Tgt Ion:202 Resp: 1987452
Ion Ratio Lower Upper
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101 10.7 9.5 14.3
100 8.3 7.3 10.9

Manual Integrations
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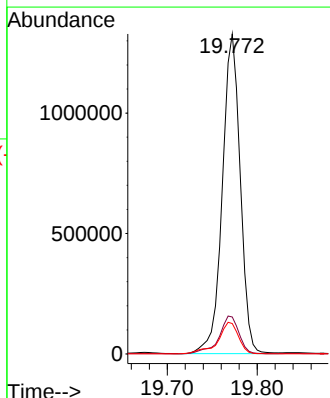
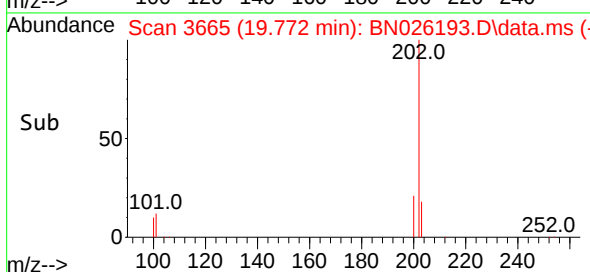
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

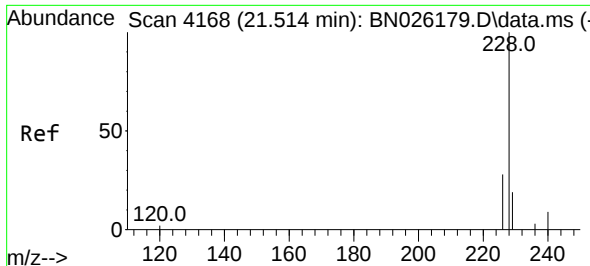


#20
Pyrene
Concen: 21.331 ng/u1
RT: 19.772 min Scan# 3665
Delta R.T. -0.001 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36



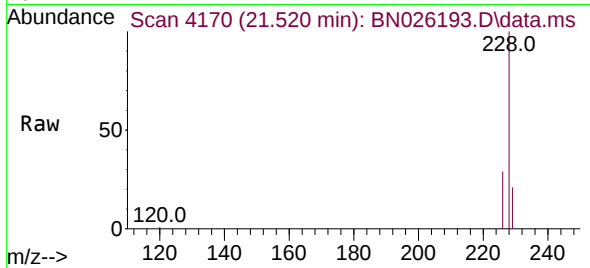
Tgt Ion:202 Resp: 1830855
Ion Ratio Lower Upper
202 100
101 11.6 11.4 17.0
100 9.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 14.535 ng/uI
RT: 21.520 min Scan# 4168
Delta R.T. -0.007 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

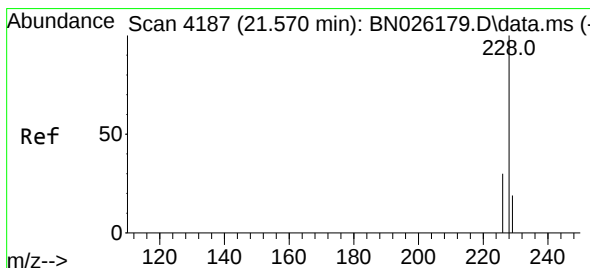
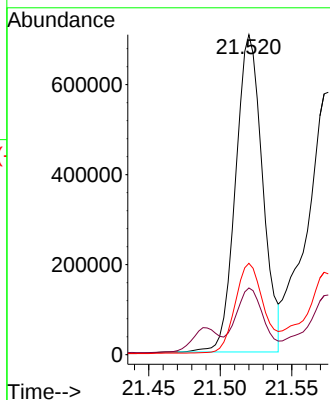
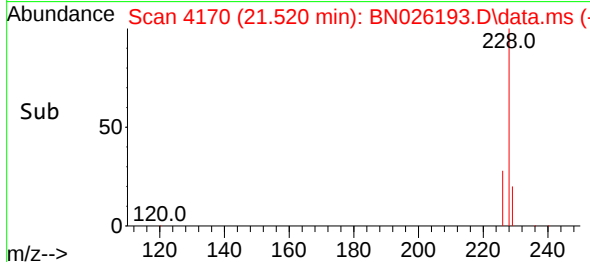
Instrument :
BNA_N
ClientSampleId :
DCGM1



Tgt Ion:228 Resp: 926408
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 28.6 22.5 33.7

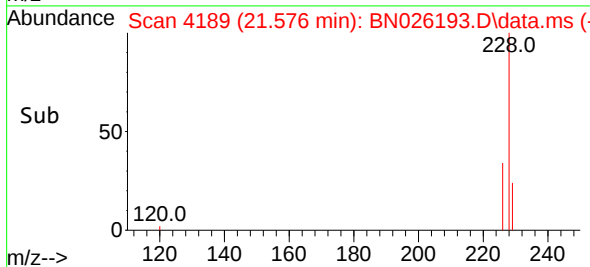
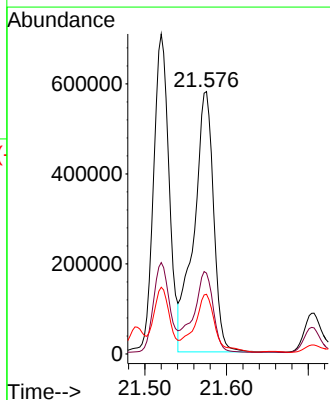
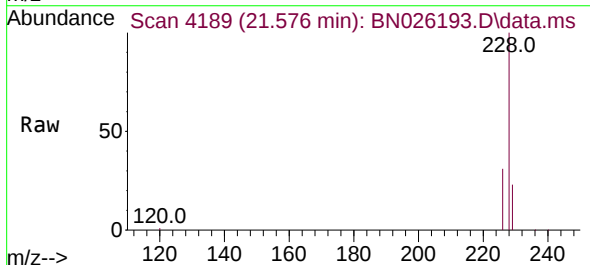
Manual Integrations
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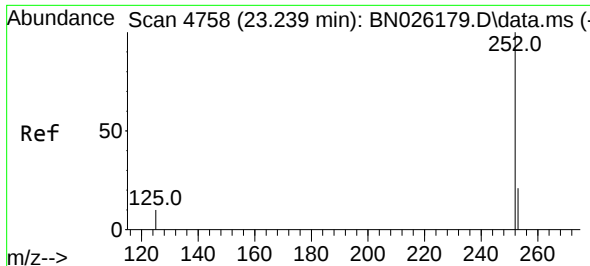
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#22
Chrysene
Concen: 14.612 ng/uI
RT: 21.576 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

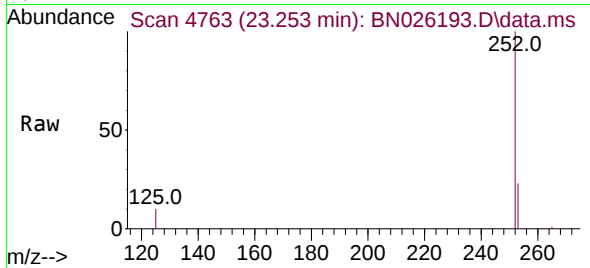
Tgt Ion:228 Resp: 969073
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 22.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 19.577 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. 0.011 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

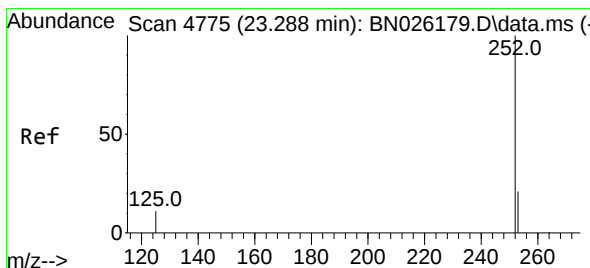
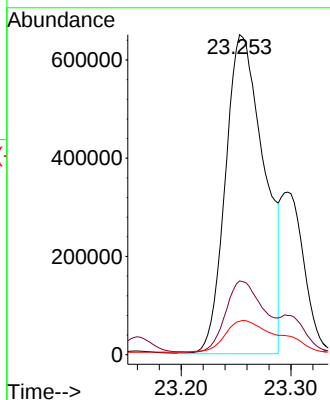
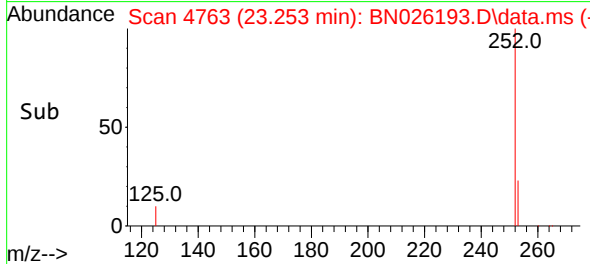
Instrument :
BNA_N
ClientSampleId :
DCGM1



Tgt Ion:252 Resp: 1594428
Ion Ratio Lower Upper
252 100
253 23.0 0.0 55.6
125 10.4 0.0 35.8

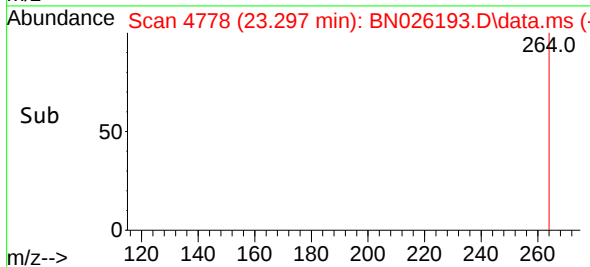
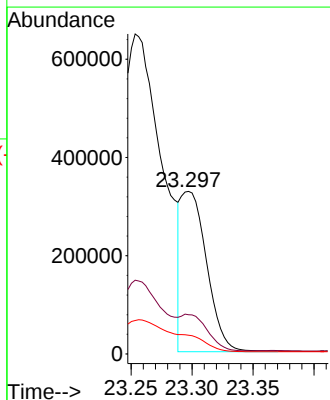
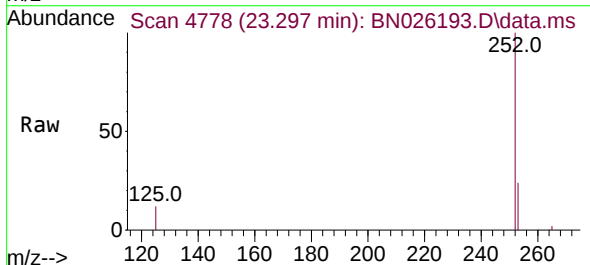
Manual Integrations
APPROVED

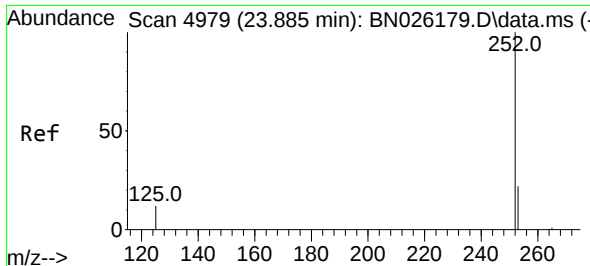
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 5.881 ng/ul m
RT: 23.297 min Scan# 4778
Delta R.T. 0.005 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

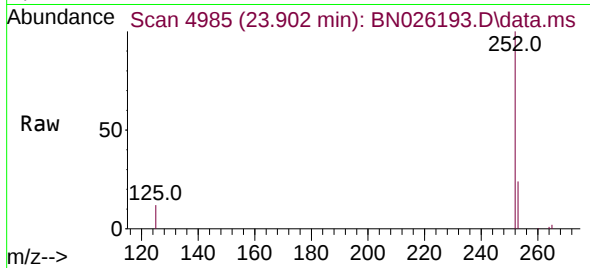
Tgt Ion:252 Resp: 480960
Ion Ratio Lower Upper
252 100
253 24.2 23.2 34.8
125 11.6 15.0 22.4





#26
Benzo(a)pyrene
Concen: 14.613 ng/ul
RT: 23.902 min Scan# 4985
Delta R.T. 0.017 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

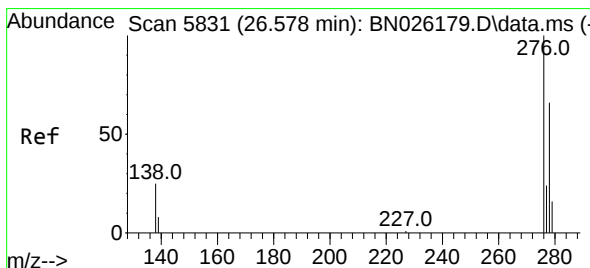
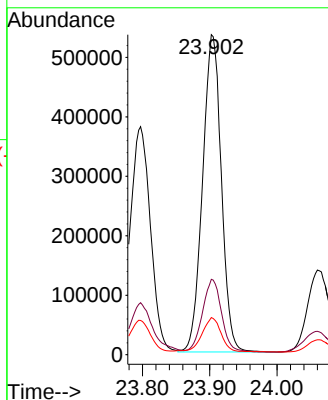
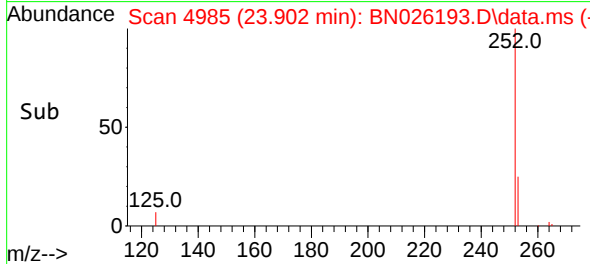
Instrument :
BNA_N
ClientSampleId :
DCGM1



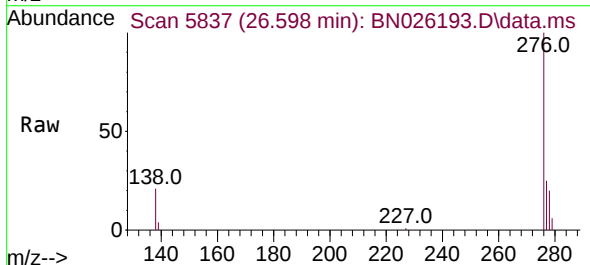
Tgt Ion:252 Resp: 1033710
Ion Ratio Lower Upper
252 100
253 23.5 26.0 39.0#
125 11.6 17.3 25.9#

Manual Integrations
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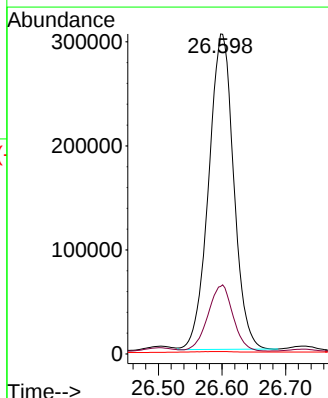
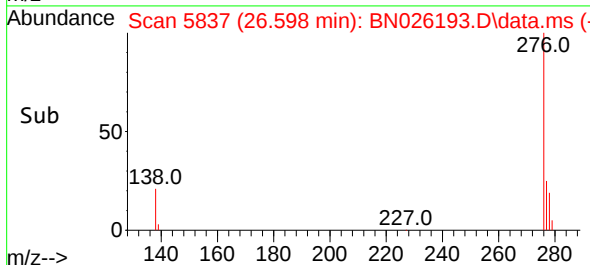
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

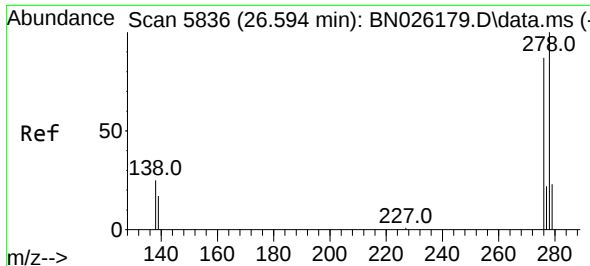


#27
Indeno(1,2,3-cd)pyrene
Concen: 10.724 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. 0.039 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36



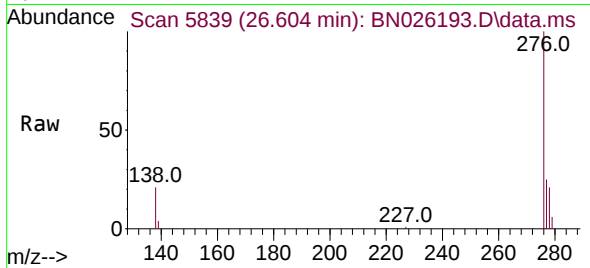
Tgt Ion:276 Resp: 828591
Ion Ratio Lower Upper
276 100
138 21.0 24.5 36.7#
227 1.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 3.220 ng/ul
RT: 26.604 min Scan# 5836
Delta R.T. 0.026 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36

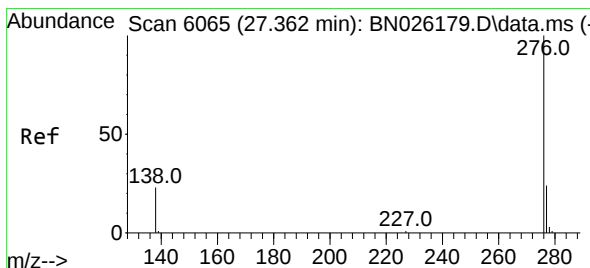
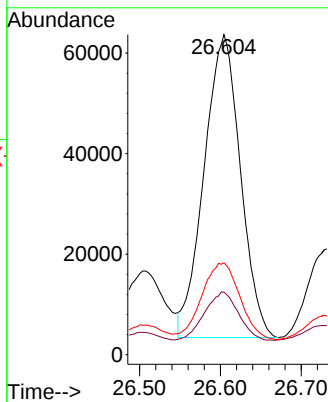
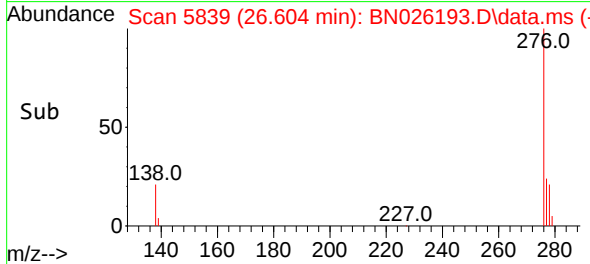
Instrument :
BNA_N
ClientSampleId :
DCGM1



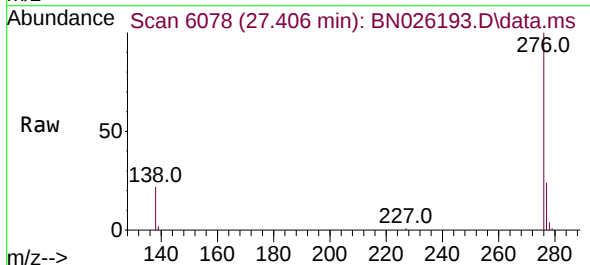
Tgt Ion:278 Resp: 18830
Ion Ratio Lower Upper
278 100
139 19.6 19.0 28.4
279 28.7 26.7 40.1

Manual Integrations
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Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 11.472 ng/ul
RT: 27.406 min Scan# 6078
Delta R.T. 0.060 min
Lab File: BN026193.D
Acq: 02 Jul 2023 17:36



Tgt Ion:276 Resp: 788497
Ion Ratio Lower Upper
276 100
138 22.2 23.4 35.0#
277 24.3 20.0 30.0

