

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026246.D
 Acq On : 04 Jul 2023 04:00
 Operator : MA/JU
 Sample : 03247-22
 Misc :
 ALS Vial : 103 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM8

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 04:28:46 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	12272	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	37989	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	22453	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	43895	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	25603	0.400	ng/ul	# 0.00
23) Perylene-d12	23.993	264	28393	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	35877	2.596	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10734	0.184	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	19098	0.196	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	3383	0.031	ng/ul#	87
7) 2-Methylnaphthalene	12.426	142	2249	0.032	ng/ul	97
8) 1-Methylnaphthalene	12.646	142	1743	0.024	ng/ul#	80
10) Acenaphthylene	14.316	152	3786	0.036	ng/ul#	78
15) Phenanthrene	17.385	178	28581	0.197	ng/ul	98
16) Anthracene	17.478	178	4031	0.031	ng/ul#	82
19) Fluoranthene	19.405	202	72475	0.530	ng/ul	97
20) Pyrene	19.768	202	58033m	0.408	ng/ul	
21) Benzo(a)anthracene	21.517	228	32621	0.309	ng/ul#	85
22) Chrysene	21.570	228	41757	0.380	ng/ul#	88
24) Benzo(b)fluoranthene	23.242	252	69996m	0.578	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	22144m	0.182	ng/ul	
26) Benzo(a)pyrene	23.879	252	42537	0.404	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.568	276	36464	0.317	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.578	278	8926	0.103	ng/ul#	36
29) Benzo(g,h,i)perylene	27.369	276	35004	0.342	ng/ul#	93

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

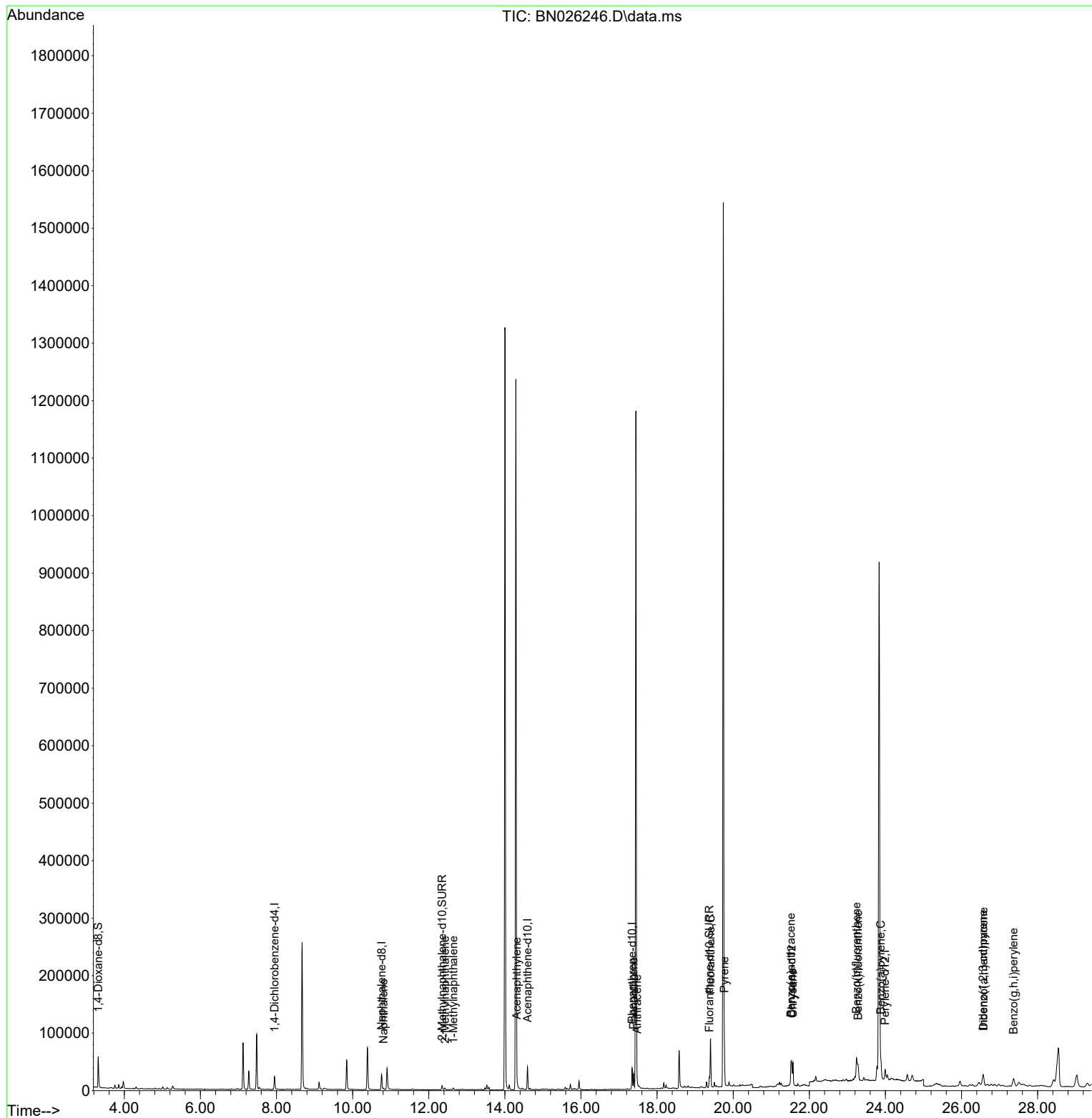
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026246.D
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ALS Vial : 103 Sample Multiplier: 1

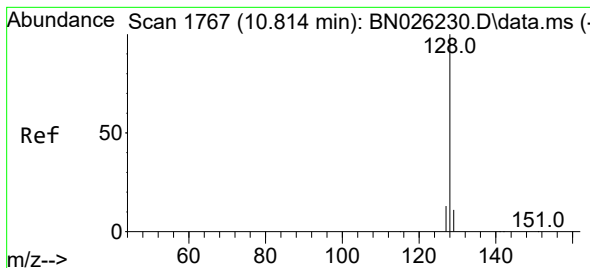
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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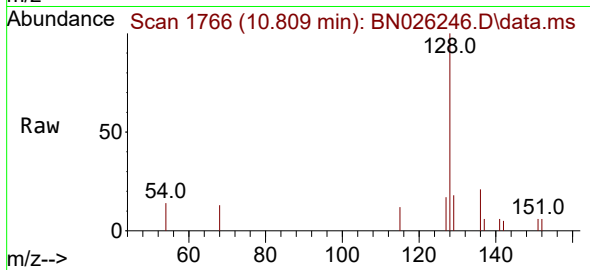
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00

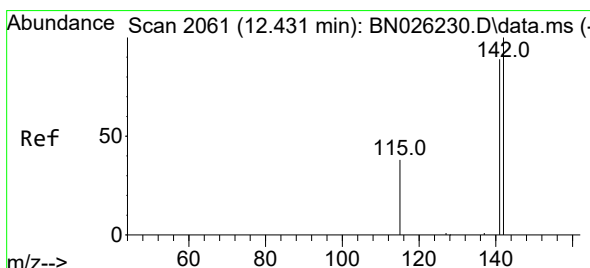
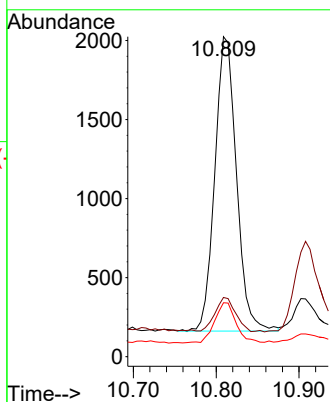
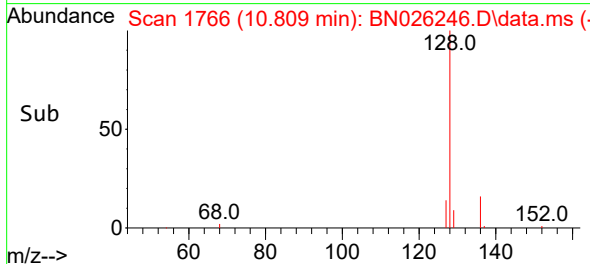
Instrument :
BNA_N
ClientSampleId :
DCGM8



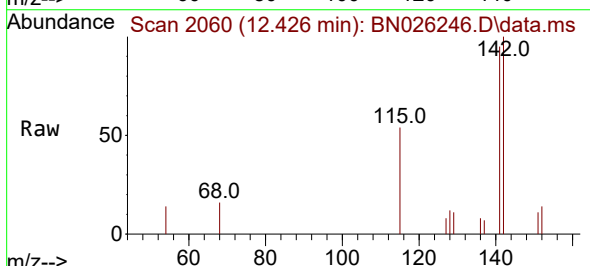
Tgt Ion:128 Resp: 338
Ion Ratio Lower Upper
128 100
129 18.5 9.1 13.7
127 16.8 10.7 16.1

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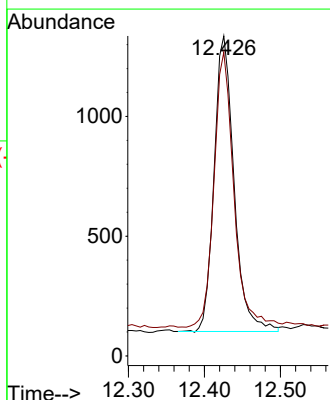
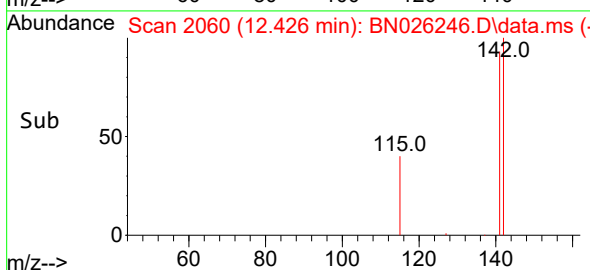
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

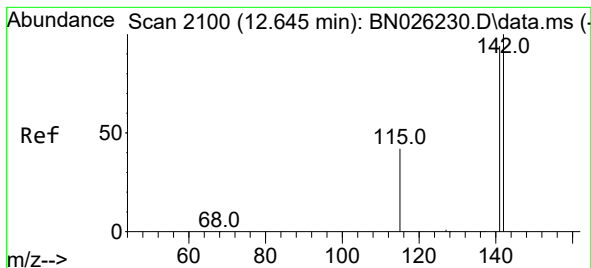


#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.426 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00



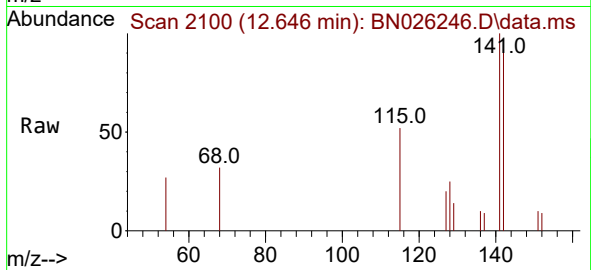
Tgt Ion:142 Resp: 2249
Ion Ratio Lower Upper
142 100
141 92.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.646 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00

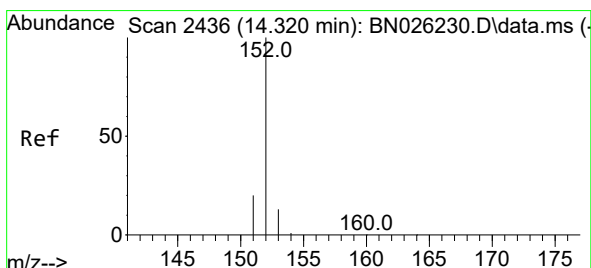
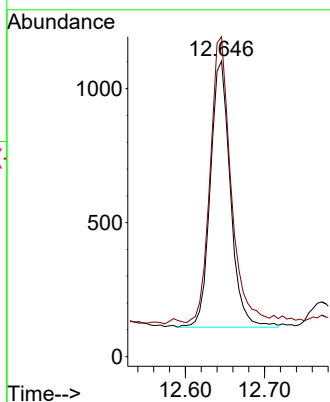
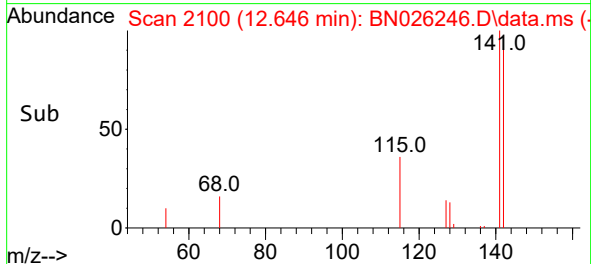
Instrument :
BNA_N
ClientSampleId :
DCGM8



Tgt Ion:142 Resp: 174
Ion Ratio Lower Upper
142 100
141 111.8 74.2 111.4#

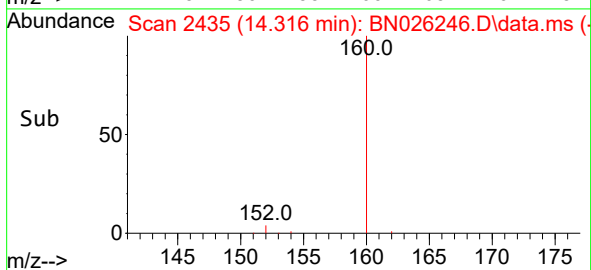
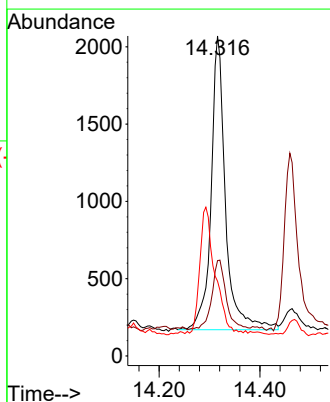
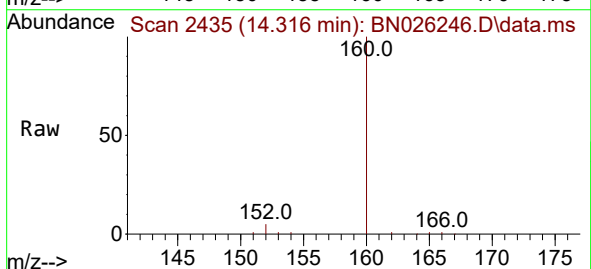
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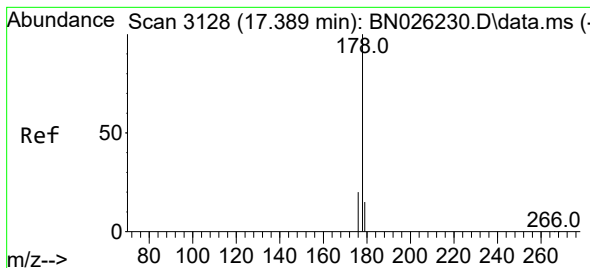
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00

Tgt Ion:152 Resp: 3786
Ion Ratio Lower Upper
152 100
151 29.8 16.2 24.4#
153 23.3 10.9 16.3#





#15

Phenanthrene

Concen: 0.197 ng/ul

RT: 17.385 min Scan# 3128

Delta R.T. -0.004 min

Lab File: BN026246.D

Acq: 04 Jul 2023 04:00

Instrument :

BNA_N

ClientSampleId :

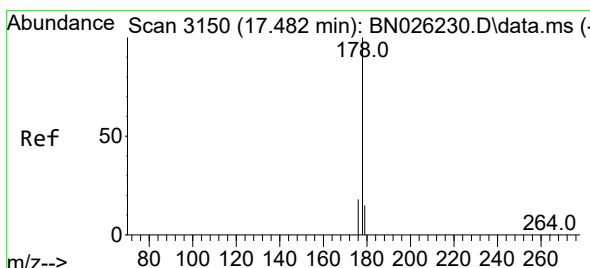
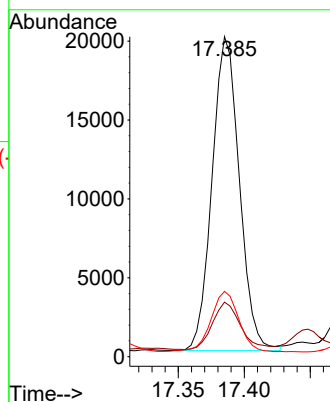
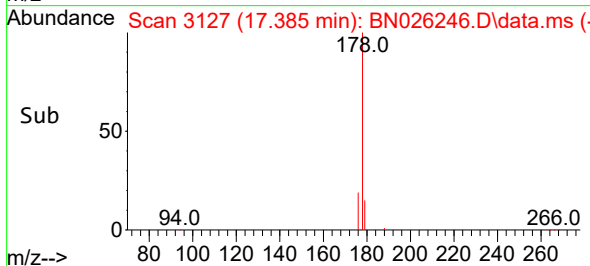
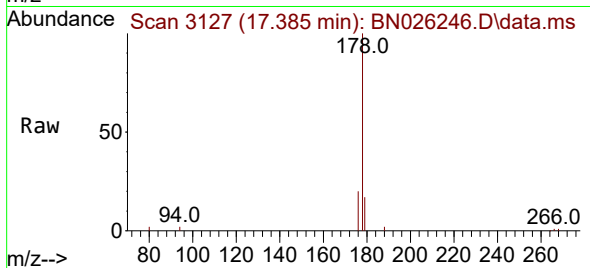
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Tgt Ion:178	Resp:	2858
Ion Ratio	Lower	Upper
178	100	
179	17.0	12.6 19.0
176	20.4	15.8 23.6

Manual Integrations

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



#16

Anthracene

Concen: 0.031 ng/ul

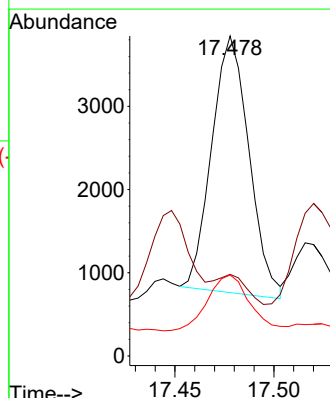
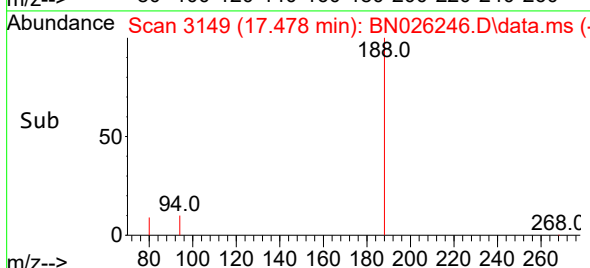
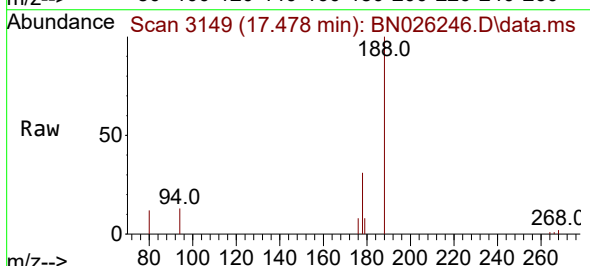
RT: 17.478 min Scan# 3149

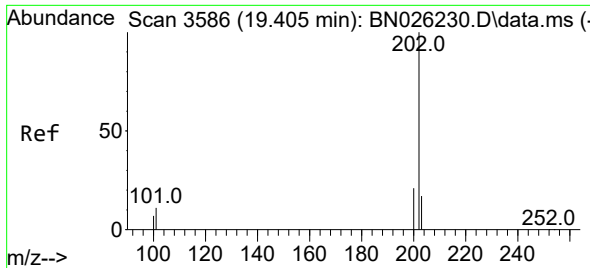
Delta R.T. -0.004 min

Lab File: BN026246.D

Acq: 04 Jul 2023 04:00

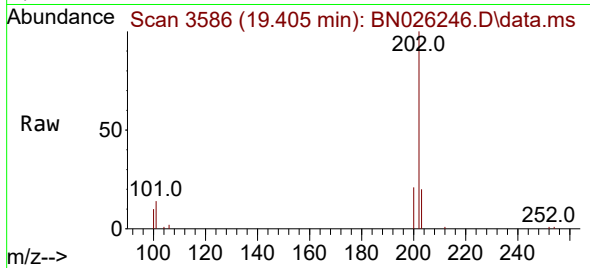
Tgt Ion:178	Resp:	4031
Ion Ratio	Lower	Upper
178	100	
179	25.5	12.6 18.8#
176	25.3	15.1 22.7#





#19
Fluoranthene
Concen: 0.530 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00

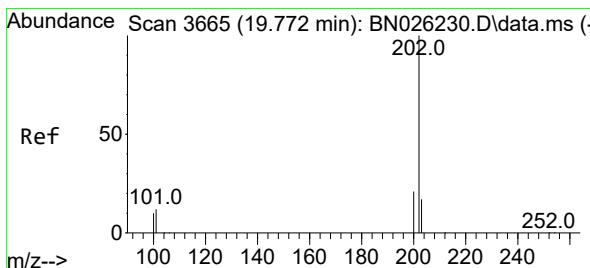
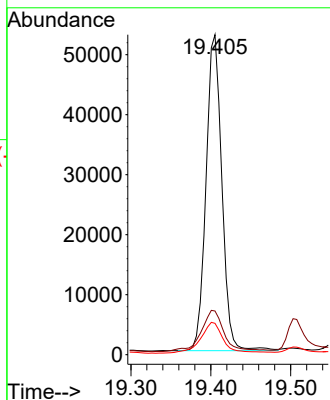
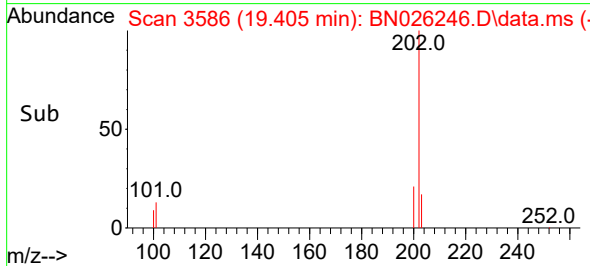
Instrument :
BNA_N
ClientSampleId :
DCGM8



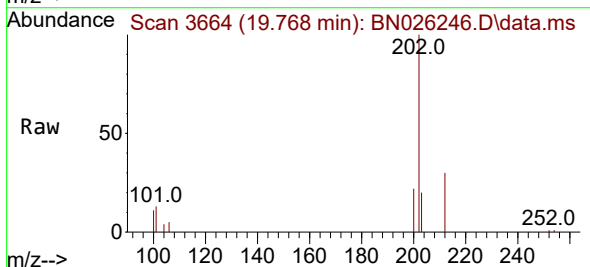
Tgt Ion:202 Resp: 72475
Ion Ratio Lower Upper
202 100
101 13.7 9.5 14.3
100 9.8 7.3 10.9

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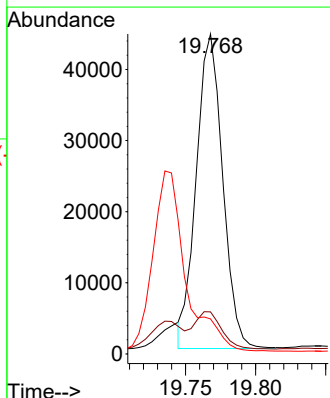
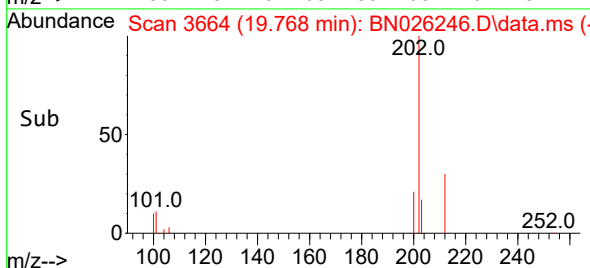
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

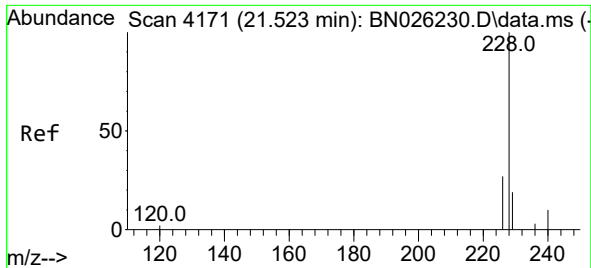


#20
Pyrene
Concen: 0.408 ng/ul m
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00



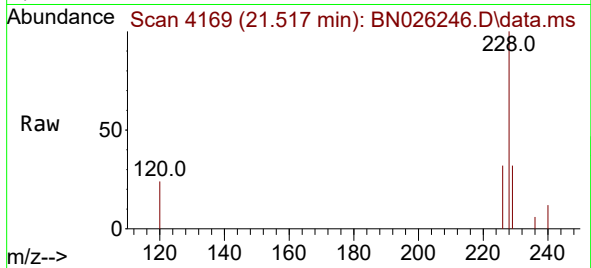
Tgt Ion:202 Resp: 58033
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 10.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.309 ng/ul
RT: 21.517 min Scan# 4117
Delta R.T. -0.006 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00

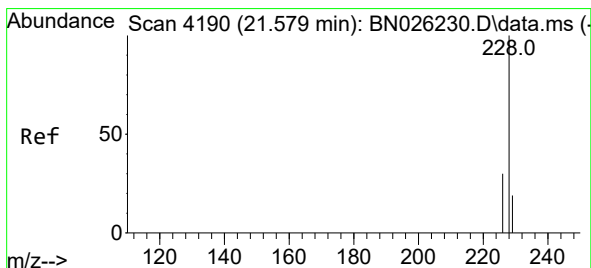
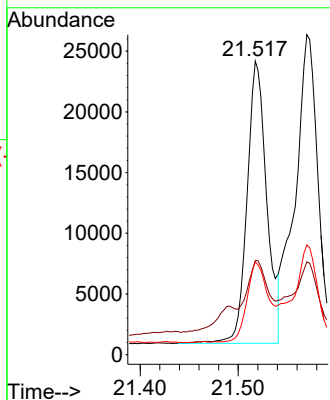
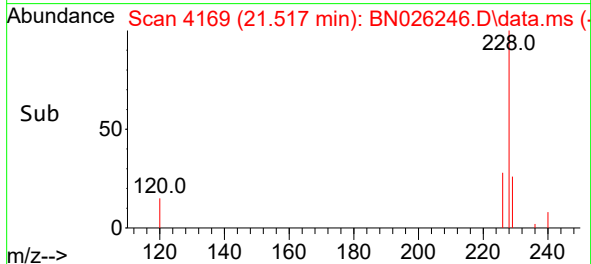
Instrument :
BNA_N
ClientSampleId :
DCGM8



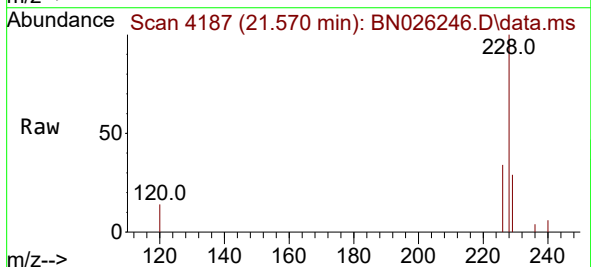
Tgt Ion:228 Resp: 3262
Ion Ratio Lower Upper
228 100
229 32.1 15.8 23.6
226 31.6 22.5 33.7

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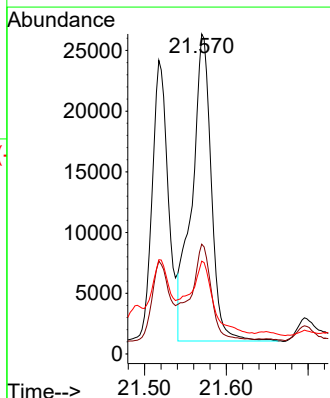
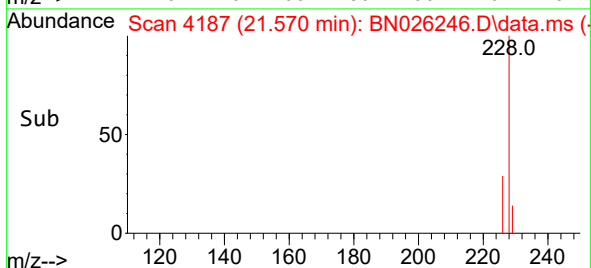
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

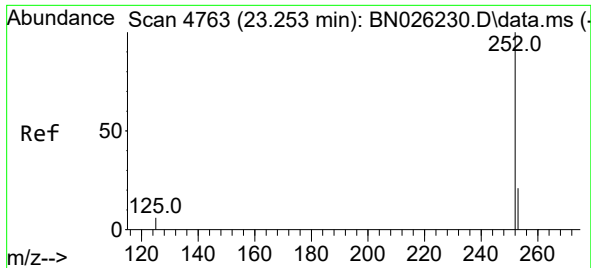


#22
Chrysene
Concen: 0.380 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00



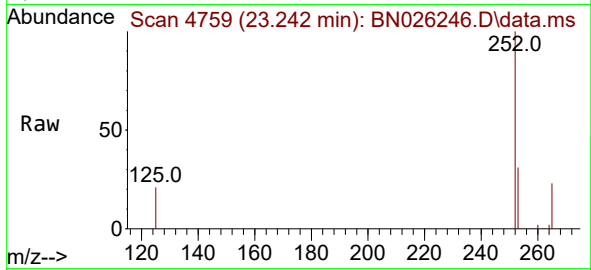
Tgt Ion:228 Resp: 41757
Ion Ratio Lower Upper
228 100
226 34.3 24.8 37.2
229 29.0 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.578 ng/ul m
RT: 23.242 min Scan# 4759
Delta R.T. -0.012 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00

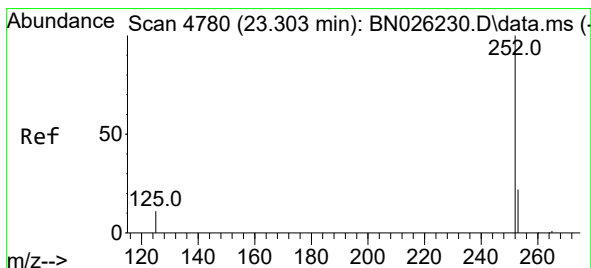
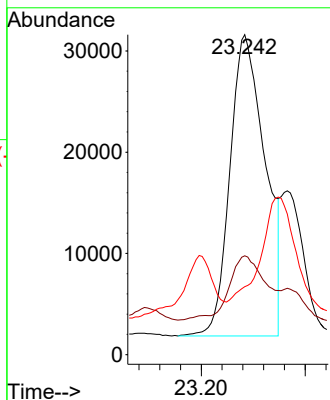
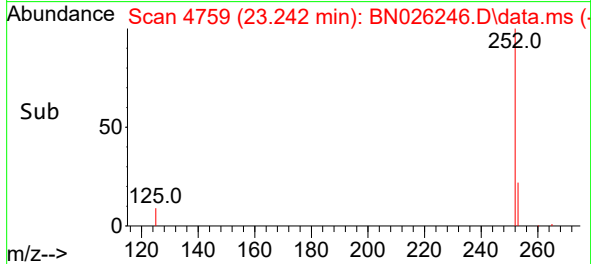
Instrument :
BNA_N
ClientSampleId :
DCGM8



Tgt Ion:252 Resp: 69990
Ion Ratio Lower Upper
252 100
253 30.9 0.0 55.6
125 21.3 0.0 35.8

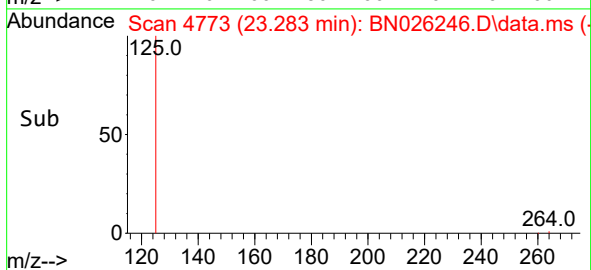
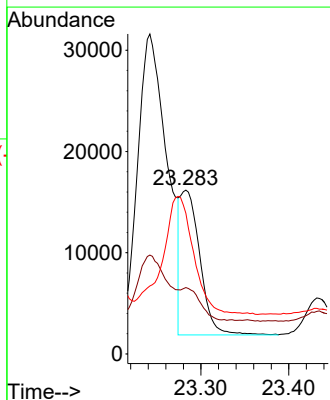
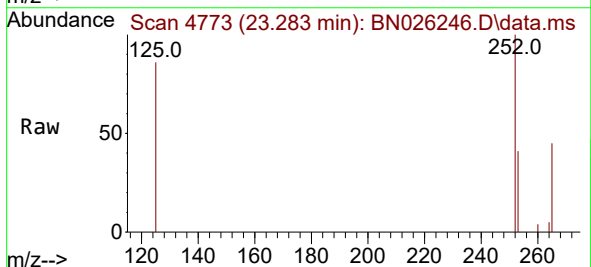
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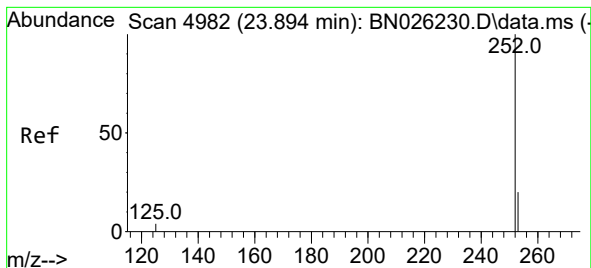
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#25
Benzo(k)fluoranthene
Concen: 0.182 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. -0.020 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00

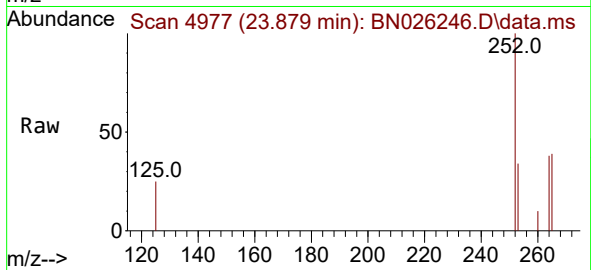
Tgt Ion:252 Resp: 22144
Ion Ratio Lower Upper
252 100
253 40.5 23.2 34.8#
125 85.8 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.879 min Scan# 4977
Delta R.T. -0.014 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00

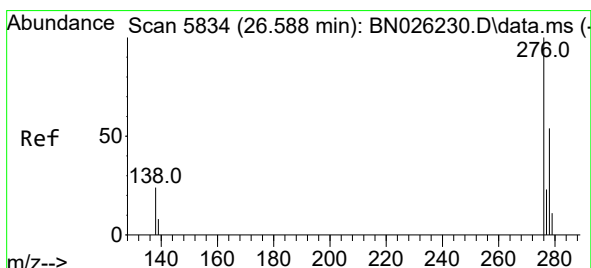
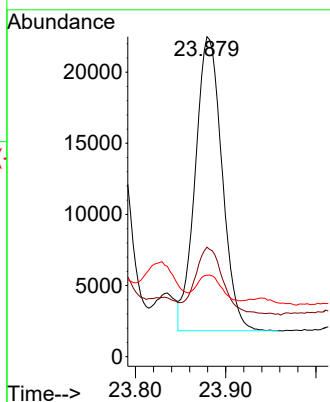
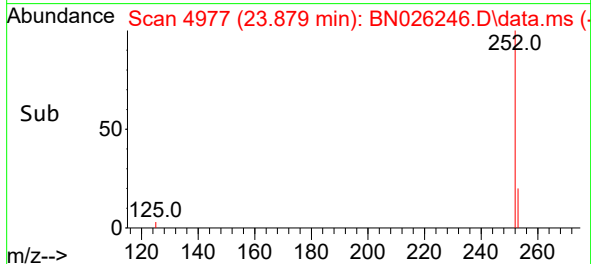
Instrument :
BNA_N
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DCGM8



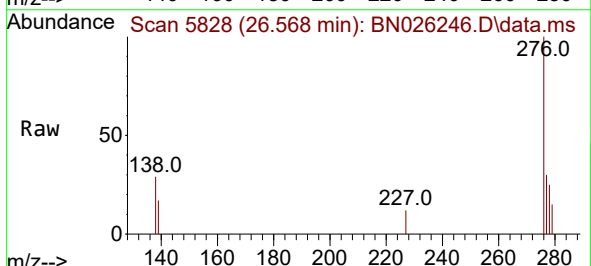
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Ion Ratio Lower Upper
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253 34.2 26.0 39.0
125 25.4 17.3 25.9

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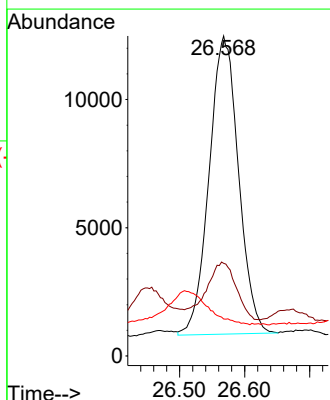
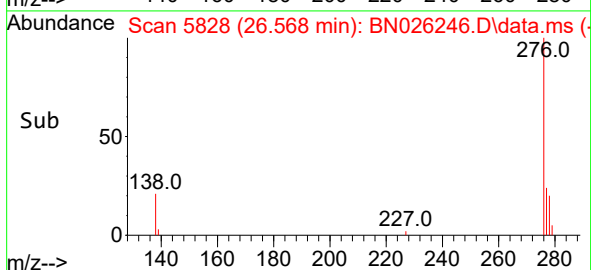
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

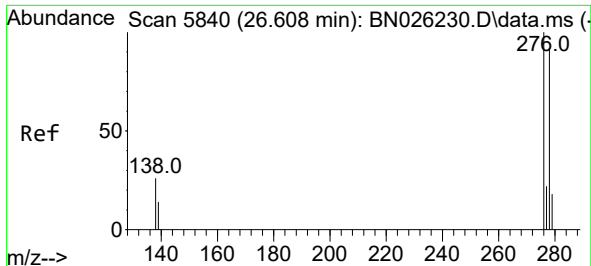


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.317 ng/ul
RT: 26.568 min Scan# 5828
Delta R.T. -0.020 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00



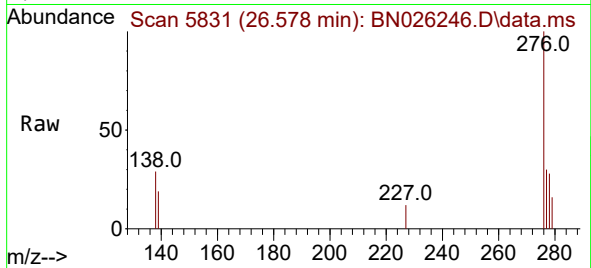
Tgt Ion:276 Resp: 36464
Ion Ratio Lower Upper
276 100
138 20.3 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. -0.030 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00

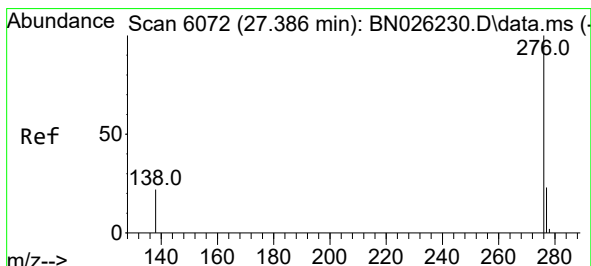
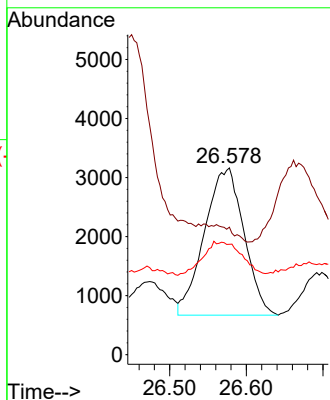
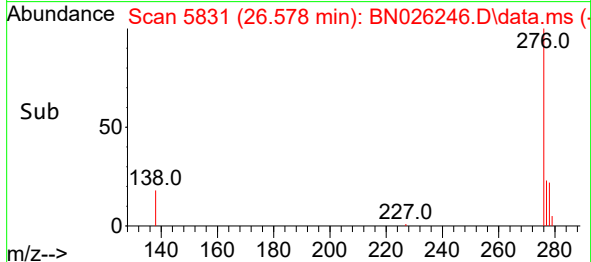
Instrument :
BNA_N
ClientSampleId :
DCGM8



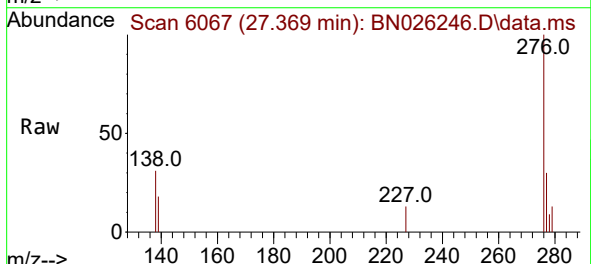
Tgt Ion:278 Resp: 8920
Ion Ratio Lower Upper
278 100
139 68.3 19.0 28.4
279 59.2 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 27.369 min Scan# 6067
Delta R.T. -0.017 min
Lab File: BN026246.D
Acq: 04 Jul 2023 04:00



Tgt Ion:276 Resp: 35004
Ion Ratio Lower Upper
276 100
138 31.4 23.4 35.0
277 30.1 20.0 30.0

