

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026295.D
 Acq On : 05 Jul 2023 16:47
 Operator : MA/JU
 Sample : 03247-17DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM3DL

Quant Time: Jul 05 18:38:10 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 : Wed Jul 05 00:03:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	6663	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	21830	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	12365	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	22861	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	13206	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	14012	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	4061	0.541	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	1150	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	1846	0.037	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	2182	0.035	ng/ul#	86
7) 2-Methylnaphthalene	12.420	142	1173	0.029	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	844	0.020	ng/ul	93
10) Acenaphthylene	14.307	152	7302	0.126	ng/ul	95
15) Phenanthrene	17.376	178	17402	0.230	ng/ul	99
16) Anthracene	17.469	178	8848	0.132	ng/ul#	93
19) Fluoranthene	19.396	202	73175	1.037	ng/ul	95
20) Pyrene	19.758	202	60863	0.830	ng/ul#	94
21) Benzo(a)anthracene	21.520	228	34125	0.626	ng/ul	96
22) Chrysene	21.570	228	39572	0.698	ng/ul	97
24) Benzo(b)fluoranthene	23.248	252	53872m	0.901	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	20832m	0.347	ng/ul	
26) Benzo(a)pyrene	23.894	252	31537	0.607	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.574	276	27081	0.477	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.578	278	6724	0.157	ng/ul#	68
29) Benzo(g,h,i)perylene	27.383	276	26751	0.530	ng/ul	97

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

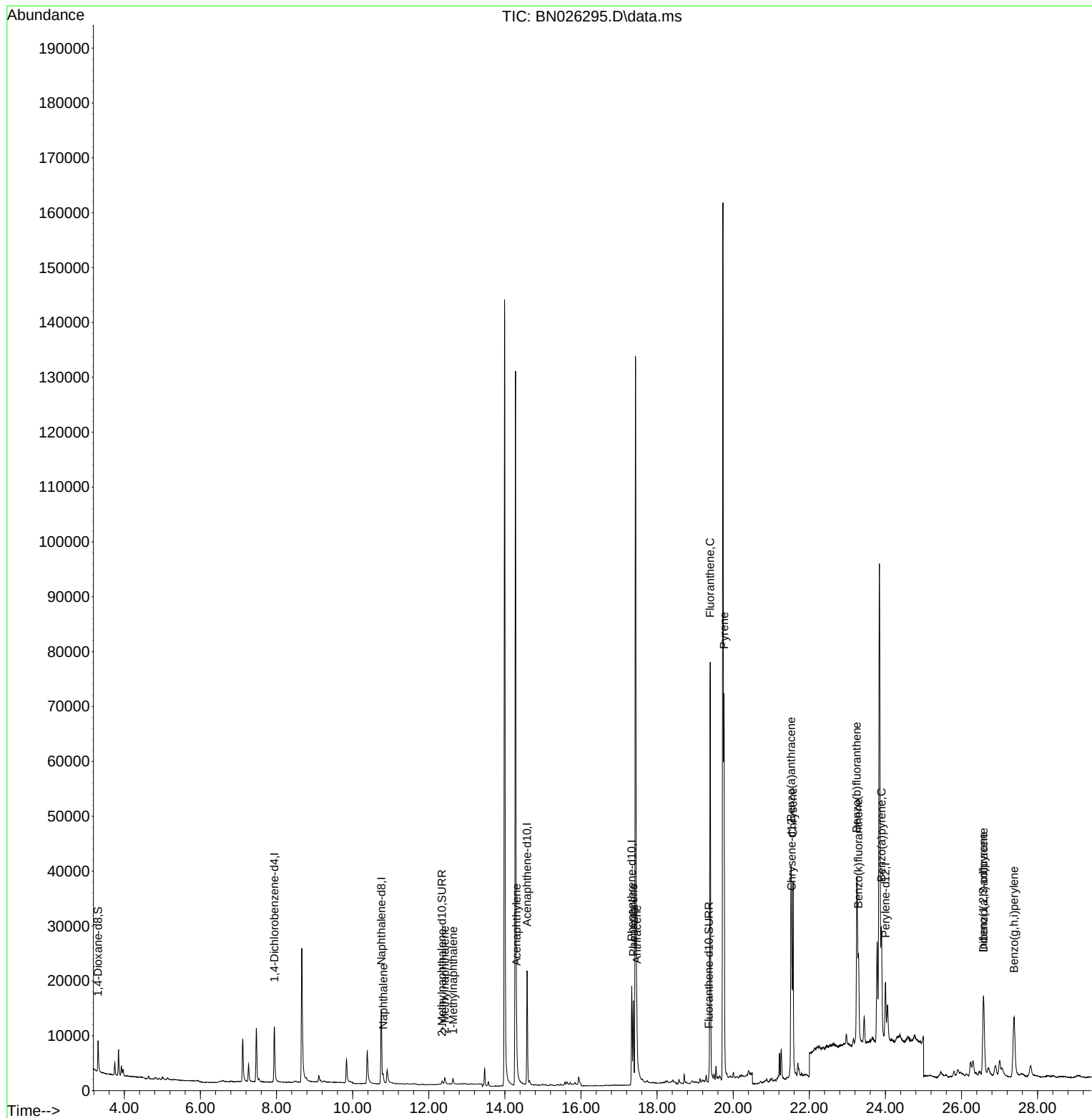
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026295.D
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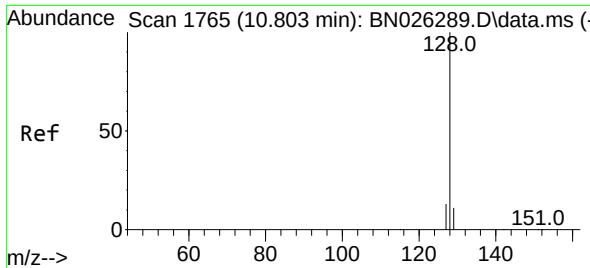
Instrument :
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Quant Time: Jul 05 18:38:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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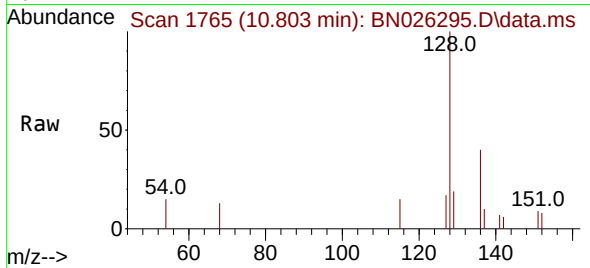
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023





#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.803 min Scan# 1765
Delta R.T. -0.005 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47

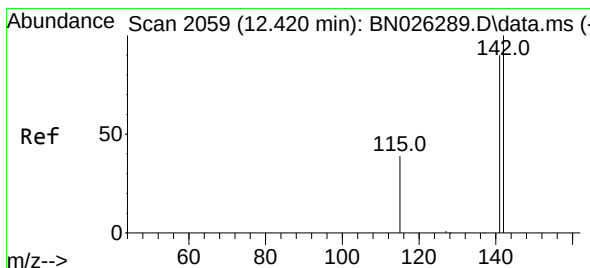
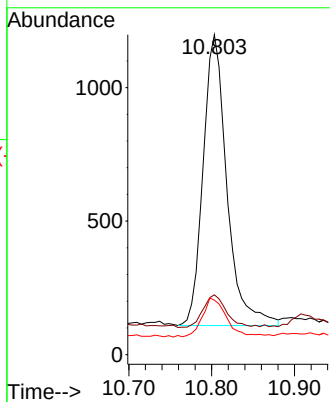
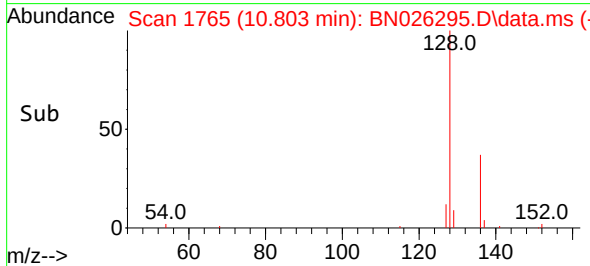
Instrument :
BNA_N
ClientSampleId :
DCGM3DL



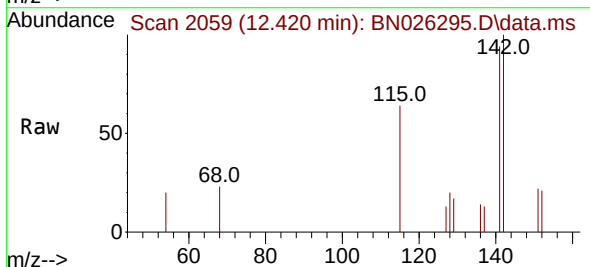
Tgt Ion:128 Resp: 218
Ion Ratio Lower Upper
128 100
129 18.7 9.1 13.7
127 17.0 10.7 16.1

Manual Integrations
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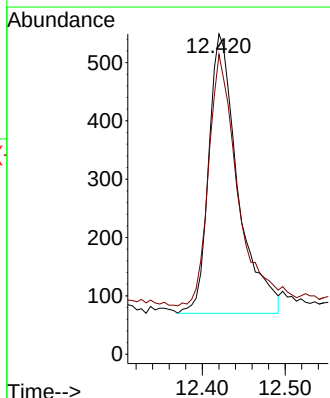
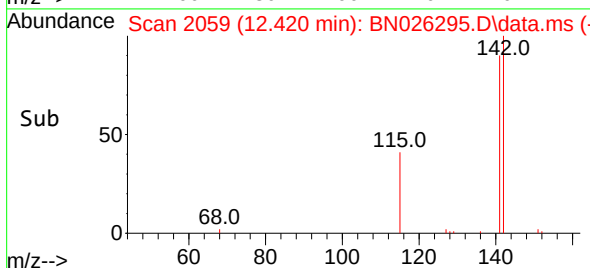
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

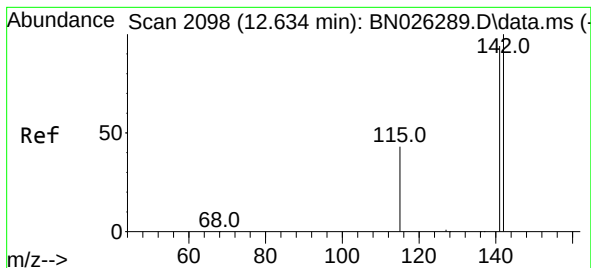


#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47



Tgt Ion:142 Resp: 1173
Ion Ratio Lower Upper
142 100
141 88.7 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.640 min Scan# 2098

Delta R.T. 0.000 min

Lab File: BN026295.D

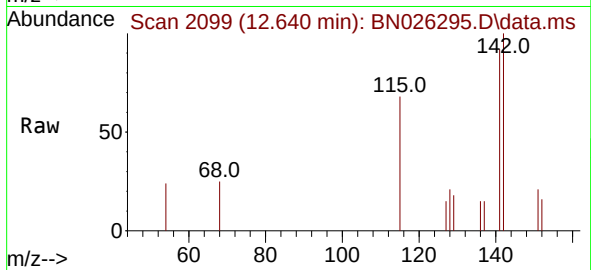
Acq: 05 Jul 2023 16:47

Instrument :

BNA_N

ClientSampleId :

DCGM3DL



Tgt Ion:142 Resp: 844

Ion Ratio Lower Upper

142 100

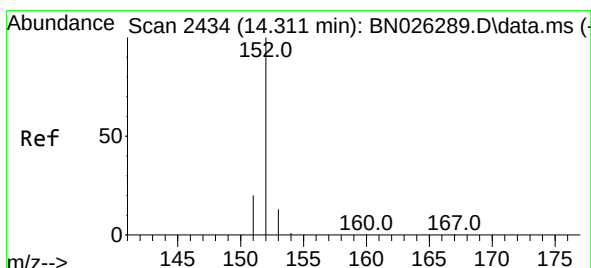
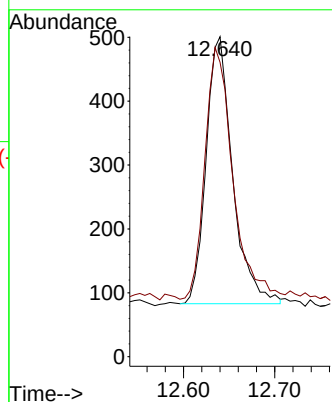
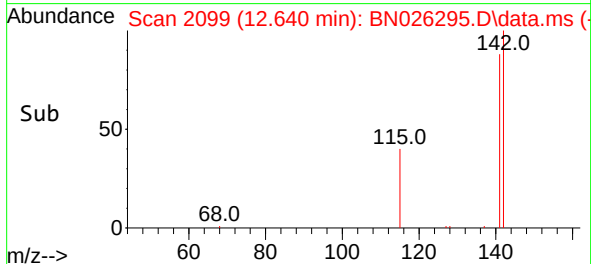
141 99.3 74.2 111.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.126 ng/ul

RT: 14.307 min Scan# 2433

Delta R.T. -0.005 min

Lab File: BN026295.D

Acq: 05 Jul 2023 16:47

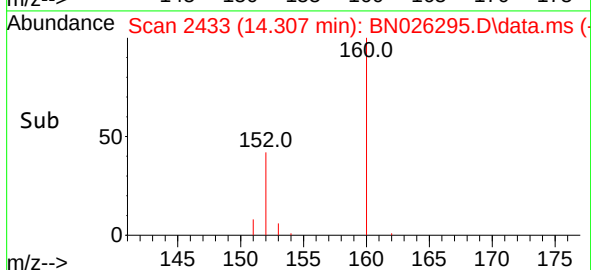
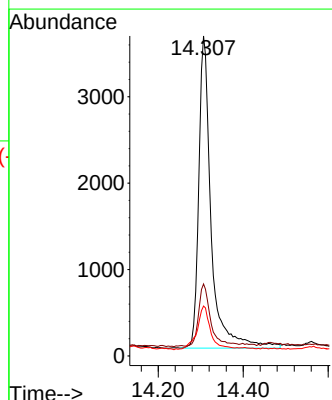
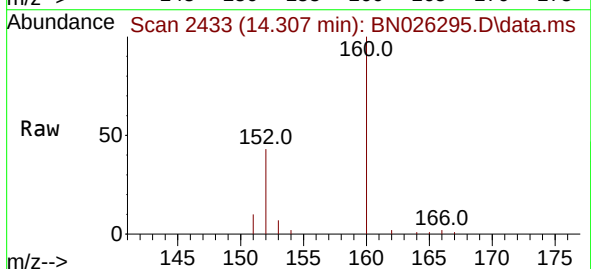
Tgt Ion:152 Resp: 7302

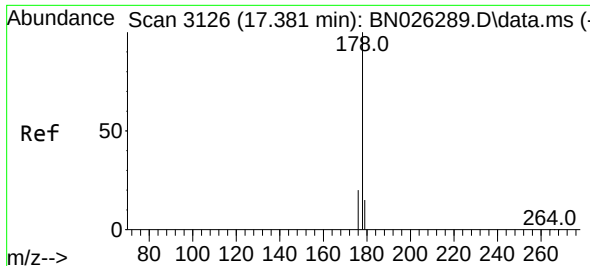
Ion Ratio Lower Upper

152 100

151 22.5 16.2 24.4

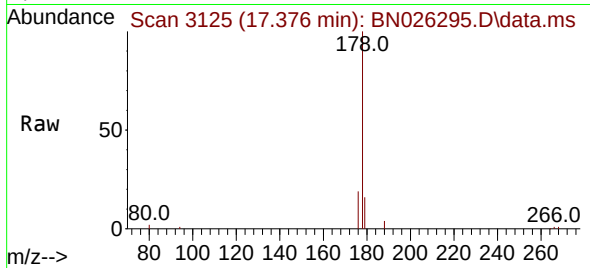
153 15.6 10.9 16.3





#15
Phenanthrene
Concen: 0.230 ng/ul
RT: 17.376 min Scan# 3126
Delta R.T. -0.009 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47

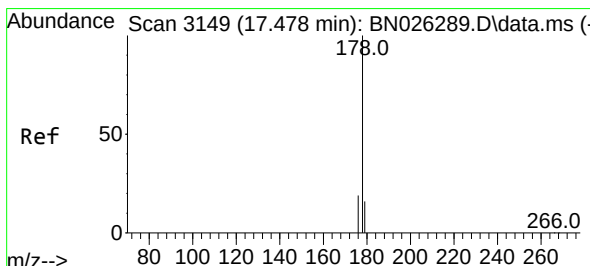
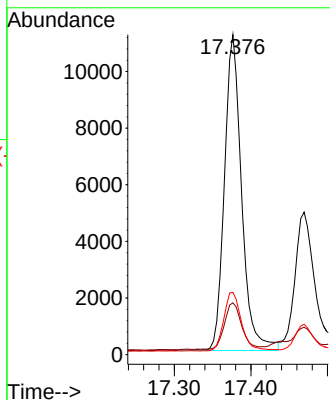
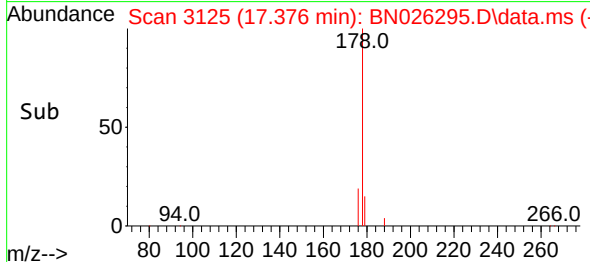
Instrument :
BNA_N
ClientSampleId :
DCGM3DL



Tgt Ion:178 Resp: 17402
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.5 15.8 23.6

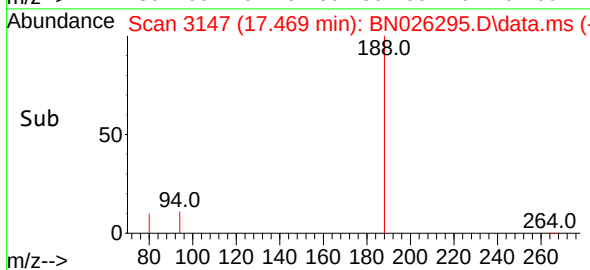
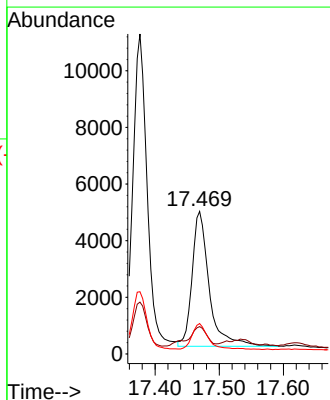
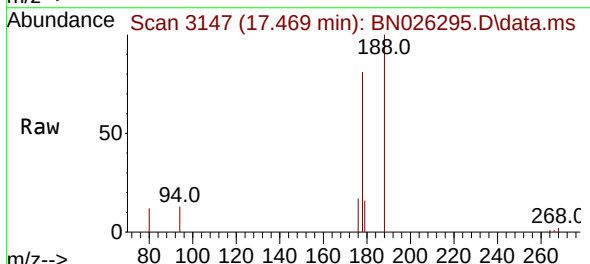
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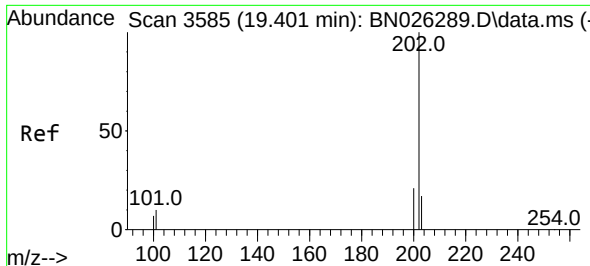
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#16
Anthracene
Concen: 0.132 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47

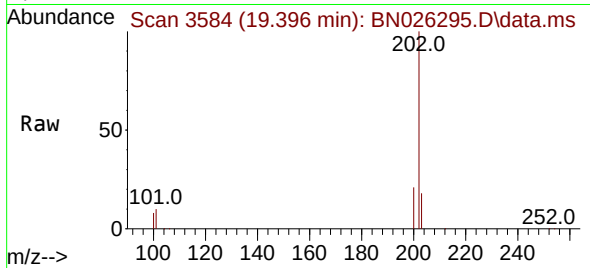
Tgt Ion:178 Resp: 8848
Ion Ratio Lower Upper
178 100
179 19.1 12.6 18.8#
176 21.3 15.1 22.7





#19
Fluoranthene
Concen: 1.037 ng/ul
RT: 19.396 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47

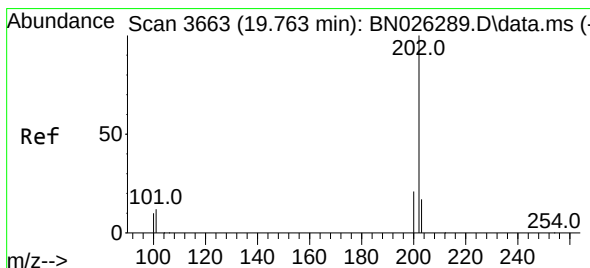
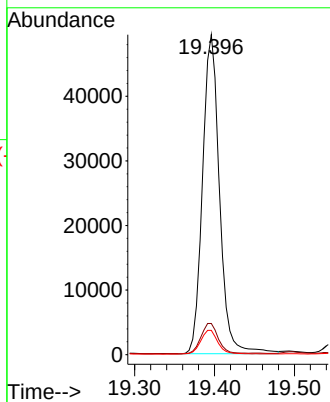
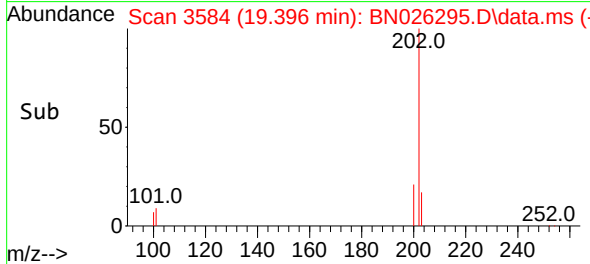
Instrument :
BNA_N
ClientSampleId :
DCGM3DL



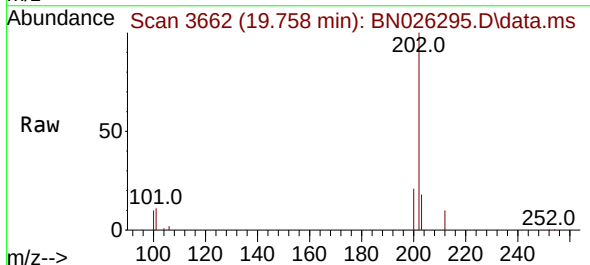
Tgt Ion:202 Resp: 73175
Ion Ratio Lower Upper
202 100
101 9.8 9.5 14.3
100 7.6 7.3 10.9

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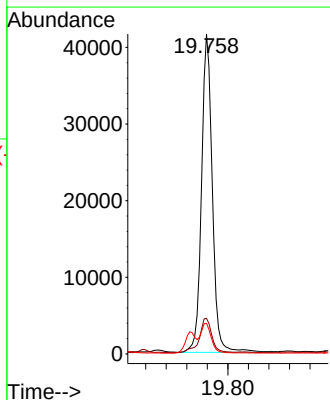
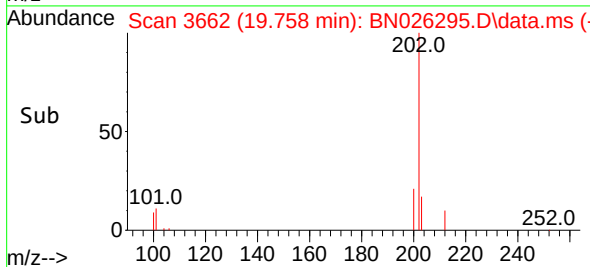
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

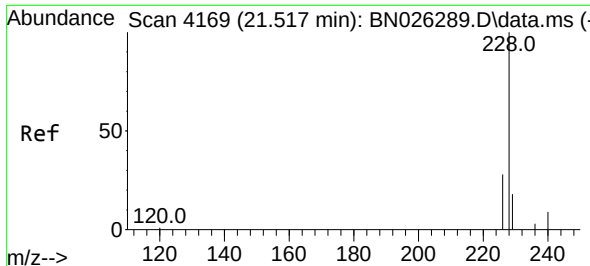


#20
Pyrene
Concen: 0.830 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47



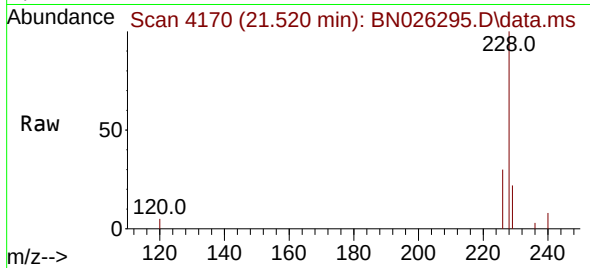
Tgt Ion:202 Resp: 60863
Ion Ratio Lower Upper
202 100
101 11.2 11.4 17.0#
100 9.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.626 ng/u1
RT: 21.520 min Scan# 4169
Delta R.T. 0.005 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47

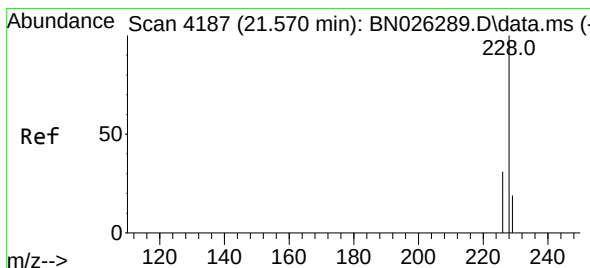
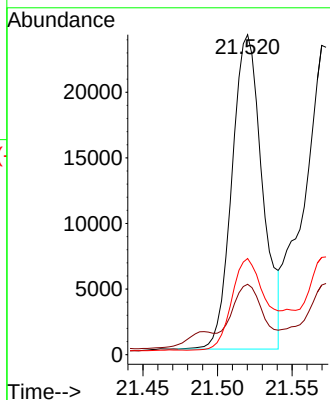
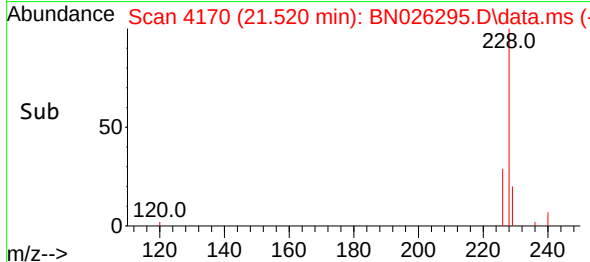
Instrument :
BNA_N
ClientSampleId :
DCGM3DL



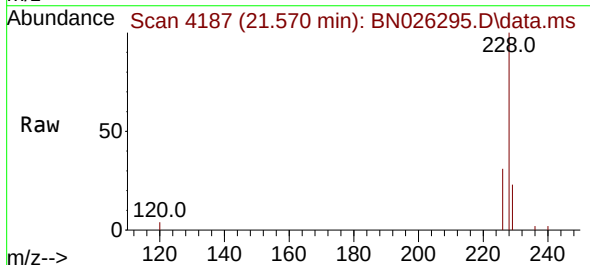
Tgt Ion:228 Resp: 34125
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.6
226 30.1 22.5 33.7

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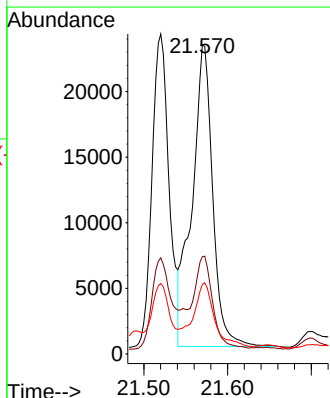
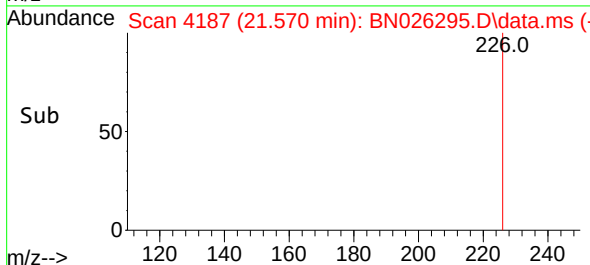
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

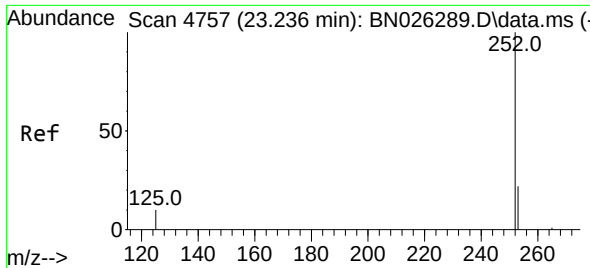


#22
Chrysene
Concen: 0.698 ng/u1
RT: 21.570 min Scan# 4187
Delta R.T. -0.001 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47



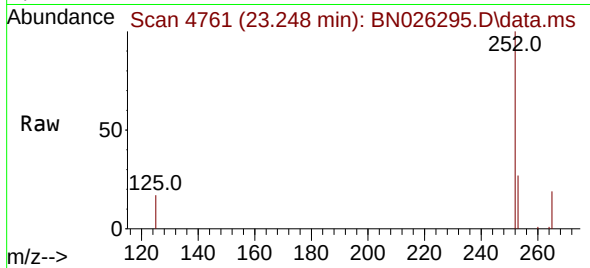
Tgt Ion:228 Resp: 39572
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.901 ng/ul m
RT: 23.248 min Scan# 4761
Delta R.T. 0.002 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47

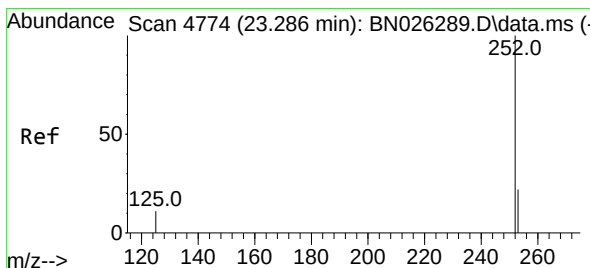
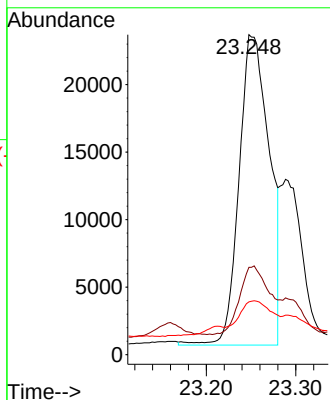
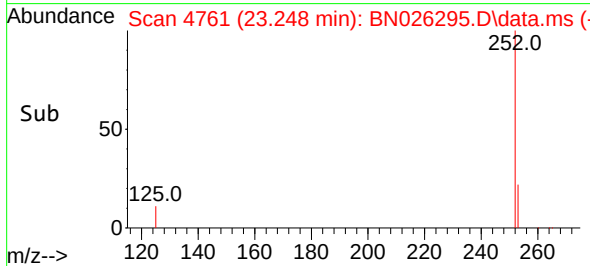
Instrument :
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DCGM3DL



Tgt Ion:252 Resp: 53872
Ion Ratio Lower Upper
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253 27.3 0.0 55.6
125 16.5 0.0 35.8

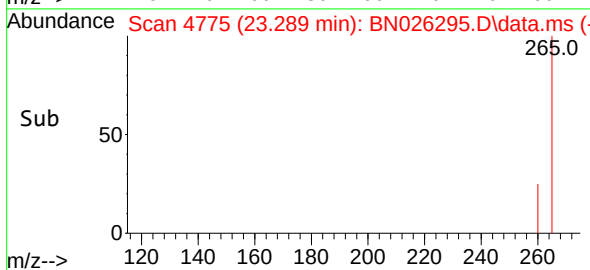
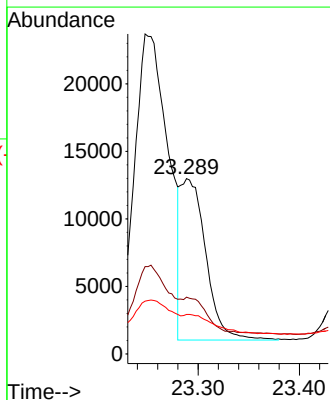
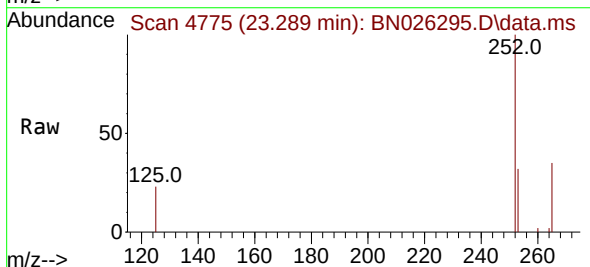
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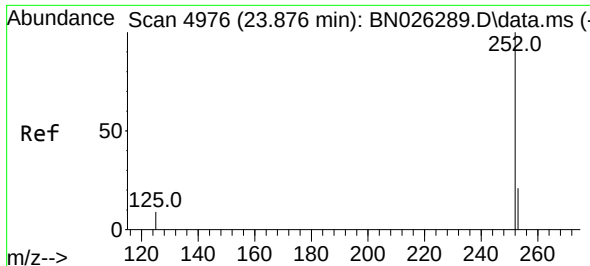
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.004 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47

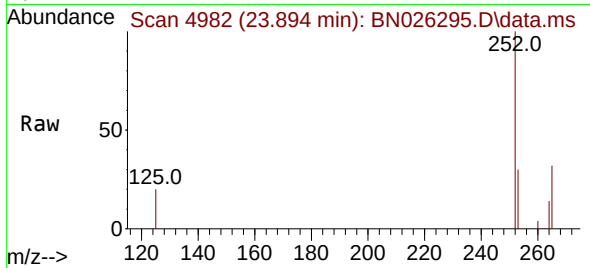
Tgt Ion:252 Resp: 20832
Ion Ratio Lower Upper
252 100
253 32.4 23.2 34.8
125 22.5 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.607 ng/ul
RT: 23.894 min Scan# 4982
Delta R.T. 0.005 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47

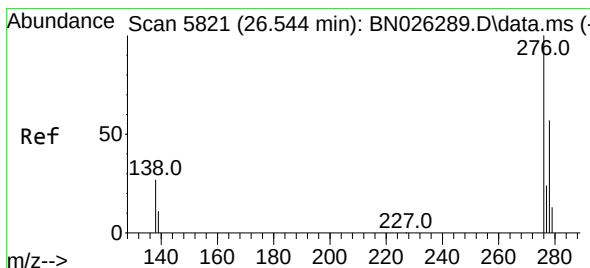
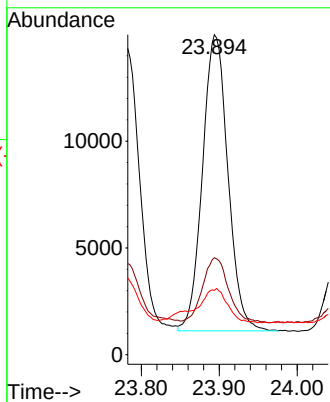
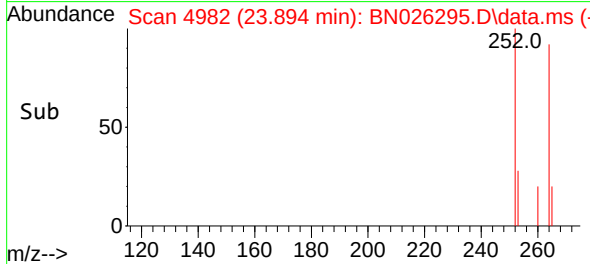
Instrument :
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DCGM3DL



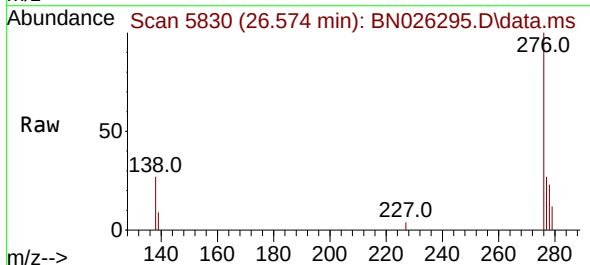
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Ion Ratio Lower Upper
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253 30.3 26.0 39.0
125 20.1 17.3 25.9

Manual Integrations
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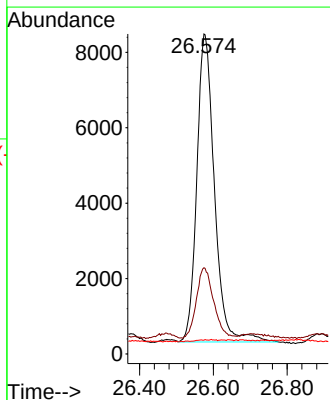
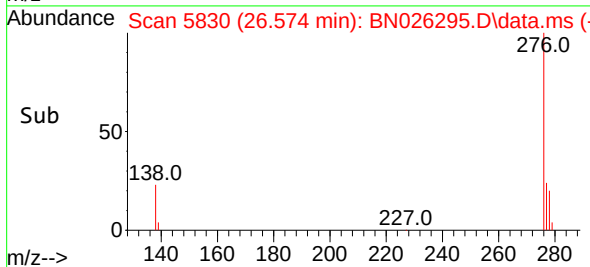
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023

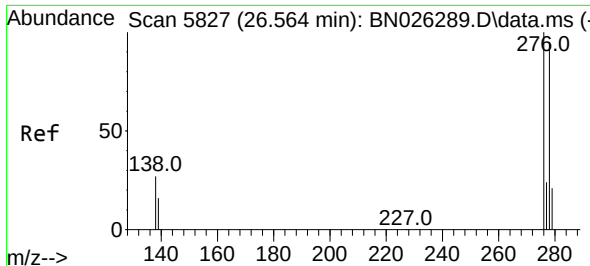


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.477 ng/ul
RT: 26.574 min Scan# 5830
Delta R.T. -0.007 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47



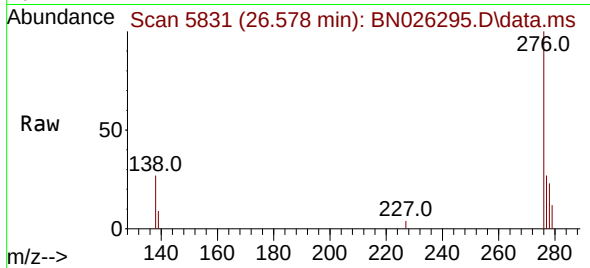
Tgt Ion:276 Resp: 27081
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7#
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.157 ng/ul
RT: 26.578 min Scan# 5827
Delta R.T. -0.018 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47

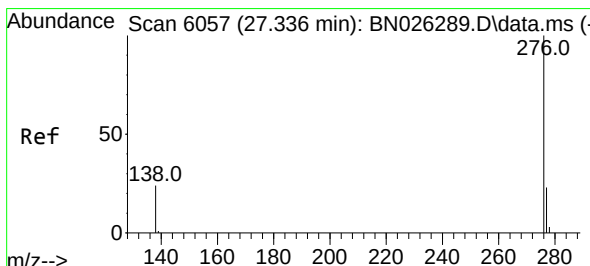
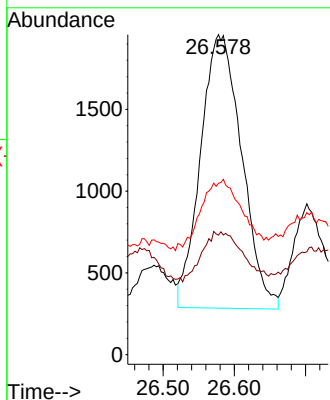
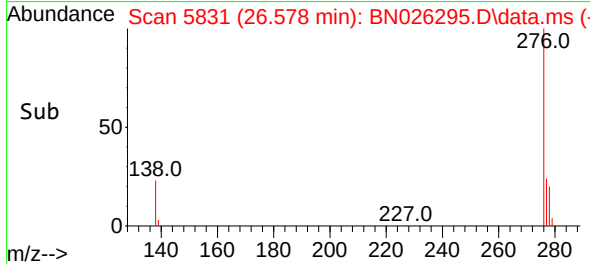
Instrument :
BNA_N
ClientSampleId :
DCGM3DL



Tgt Ion:278 Resp: 6724
Ion Ratio Lower Upper
278 100
139 37.4 19.0 28.4
279 53.6 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.530 ng/ul
RT: 27.383 min Scan# 6071
Delta R.T. 0.003 min
Lab File: BN026295.D
Acq: 05 Jul 2023 16:47

Tgt Ion:276 Resp: 26751
Ion Ratio Lower Upper
276 100
138 28.1 23.4 35.0
277 26.9 20.0 30.0

