

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026320.D
 Acq On : 06 Jul 2023 08:50
 Operator : MA/JU
 Sample : 03248-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGK2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 09:31:55 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	6737	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	18868	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.579	164	13289	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.330	188	26972	0.400	ng/ul	-0.01
17) Chrysene-d12	21.529	240	15265	0.400	ng/ul	0.00
23) Perylene-d12	23.984	264	16979	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	12261	1.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	3972	0.137	ng/ul	-0.01
18) Fluoranthene-d10	19.363	212	7400	0.127	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	2255	0.042	ng/ul#	87
7) 2-Methylnaphthalene	12.415	142	1565	0.045	ng/ul	99
8) 1-Methylnaphthalene	12.629	142	923	0.026	ng/ul	97
10) Acenaphthylene	14.302	152	2545	0.041	ng/ul#	85
15) Phenanthrene	17.372	178	16522	0.185	ng/ul	97
16) Anthracene	17.465	178	2933	0.037	ng/ul#	84
19) Fluoranthene	19.391	202	43842	0.538	ng/ul	99
20) Pyrene	19.754	202	37074	0.437	ng/ul	95
21) Benzo(a)anthracene	21.511	228	19584	0.311	ng/ul#	93
22) Chrysene	21.567	228	27495	0.420	ng/ul#	95
24) Benzo(b)fluoranthene	23.233	252	43696m	0.603	ng/ul	
25) Benzo(k)fluoranthene	23.277	252	12880m	0.177	ng/ul	
26) Benzo(a)pyrene	23.873	252	24430	0.388	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.541	276	21251	0.309	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.541	278	5123	0.098	ng/ul#	51
29) Benzo(g,h,i)perylene	27.336	276	21751	0.356	ng/ul	97

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

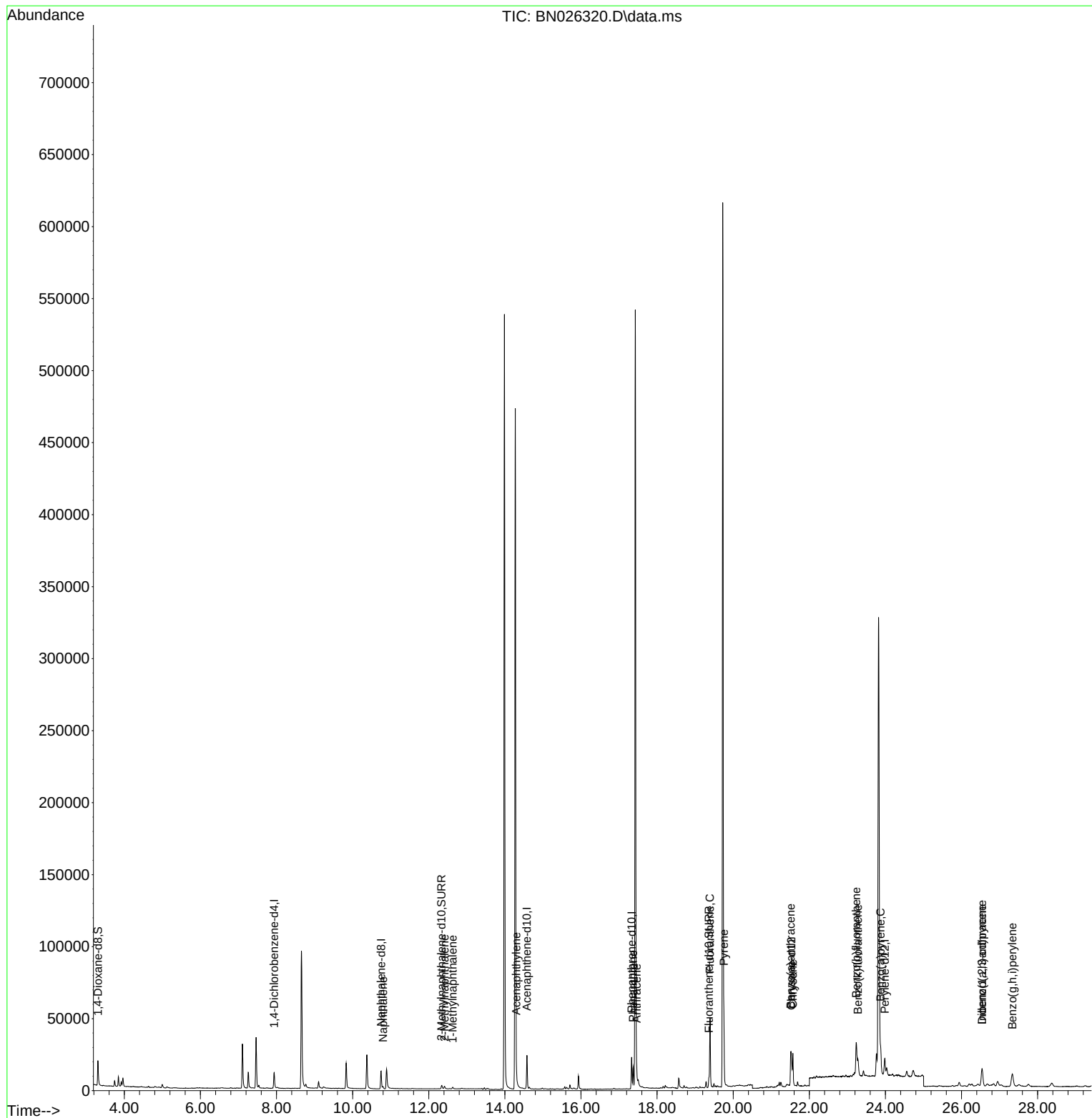
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
Data File : BN026320.D
Acq On : 06 Jul 2023 08:50
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Sample : 03248-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

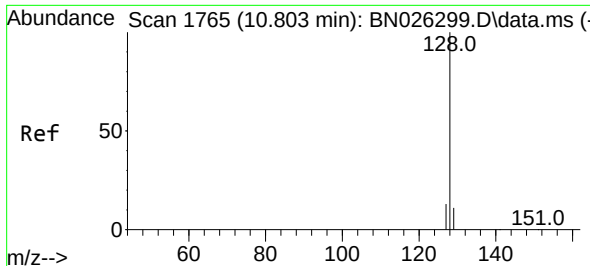
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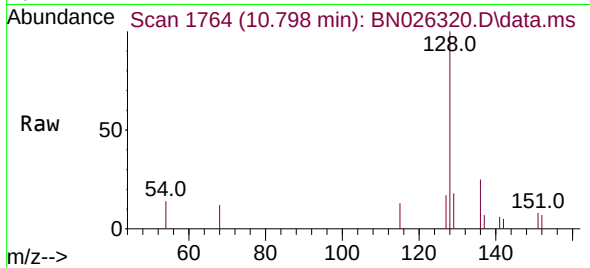
Quant Time: Jul 06 09:31:55 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
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#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. -0.011 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50

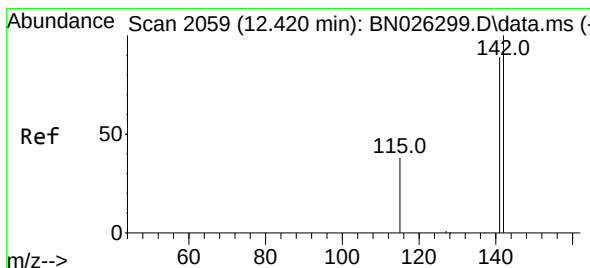
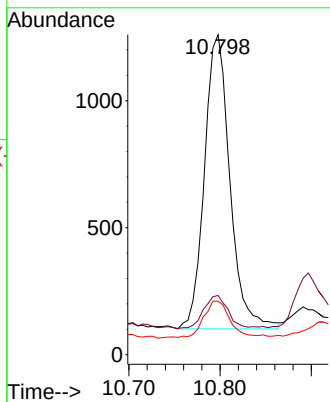
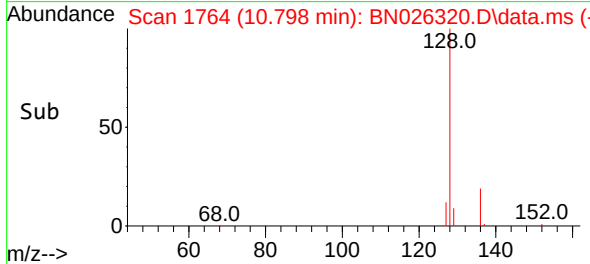
Instrument :
BNA_N
ClientSampleId :
DCGK2



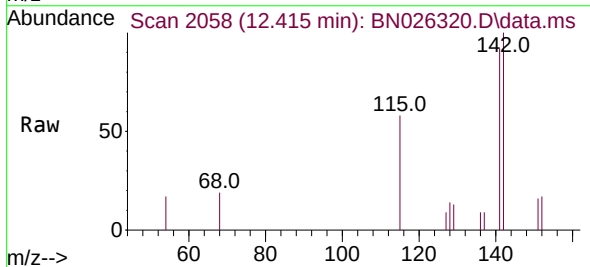
Tgt Ion:128 Resp: 225
Ion Ratio Lower Upper
128 100
129 18.5 9.1 13.7
127 16.7 10.7 16.1

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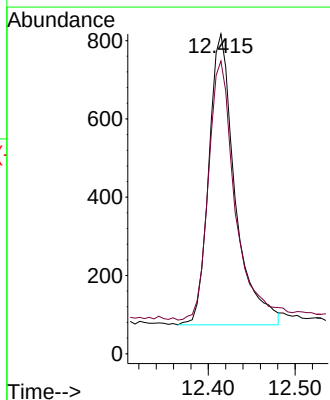
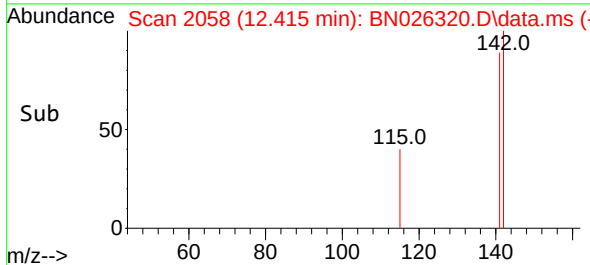
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

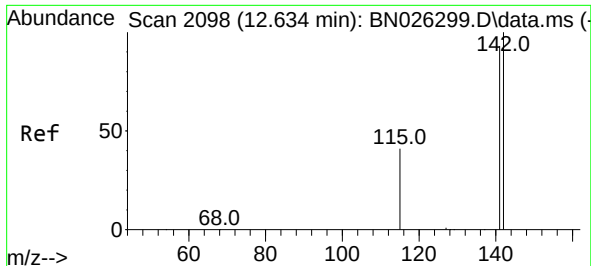


#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.415 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50



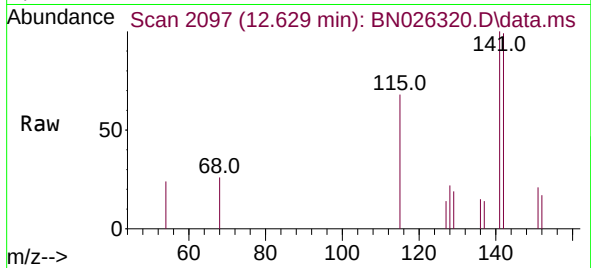
Tgt Ion:142 Resp: 1565
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. -0.011 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50

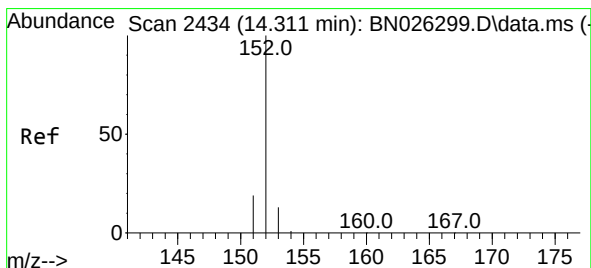
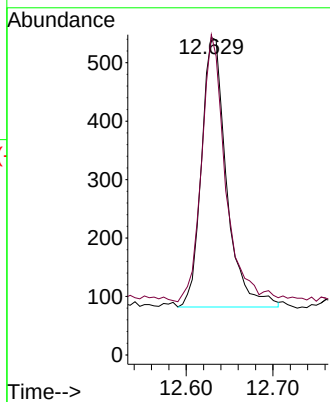
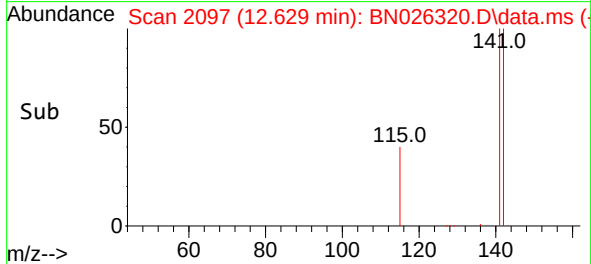
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 92.1
Ion Ratio Lower Upper
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141 95.2 74.2 111.4

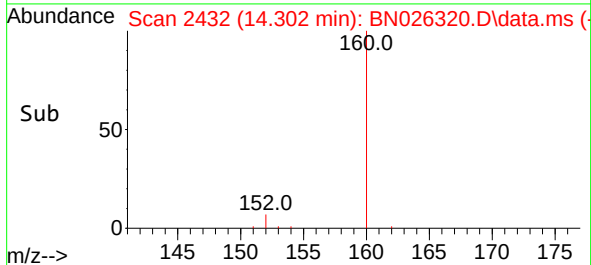
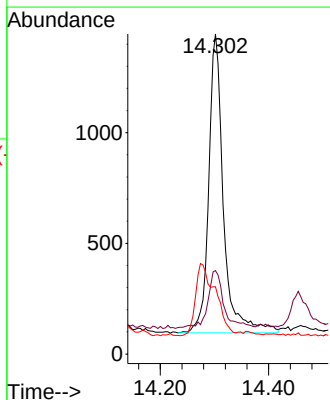
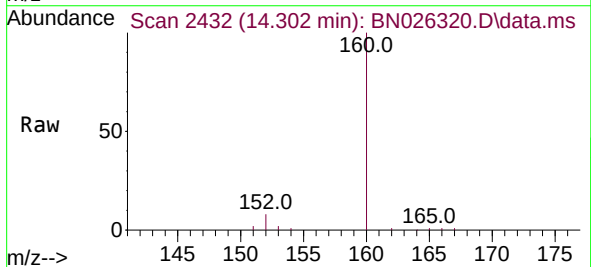
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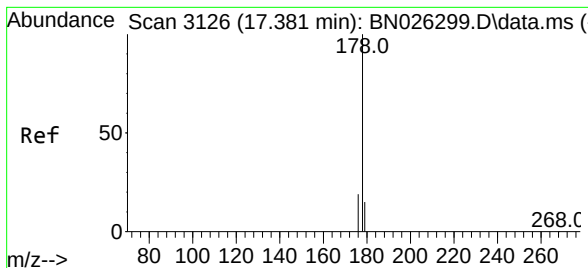
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.302 min Scan# 2432
Delta R.T. -0.010 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50

Tgt Ion:152 Resp: 2545
Ion Ratio Lower Upper
152 100
151 26.1 16.2 24.4#
153 21.0 10.9 16.3#





#15

Phenanthrene

Concen: 0.185 ng/u1

RT: 17.372 min Scan# 3126

Delta R.T. -0.013 min

Lab File: BN026320.D

Acq: 06 Jul 2023 08:50

Instrument :

BNA_N

ClientSampleId :

DCGK2

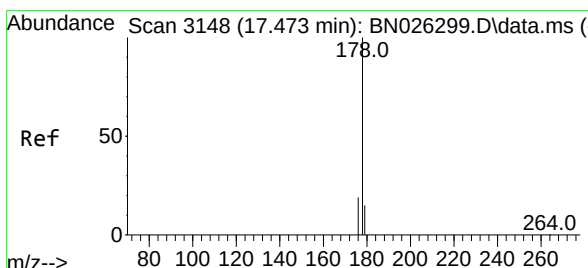
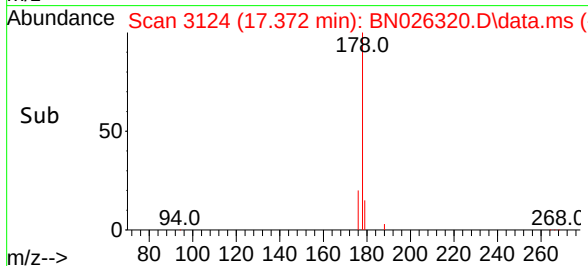
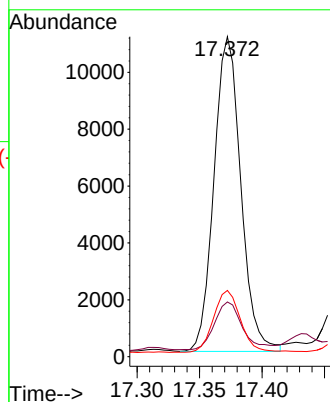
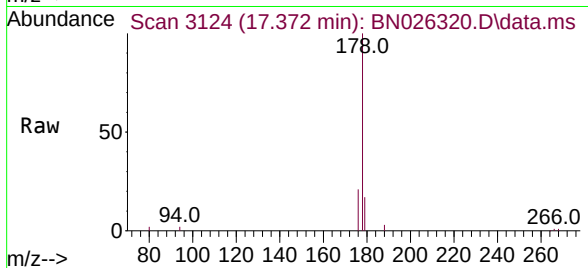
Tgt Ion:178	Resp:	1652
Ion Ratio	Lower	Upper
178	100	
179	17.1	12.6 19.0
176	20.7	15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/06/2023

Supervised By :Sohil Jodhani 07/06/2023



#16

Anthracene

Concen: 0.037 ng/u1

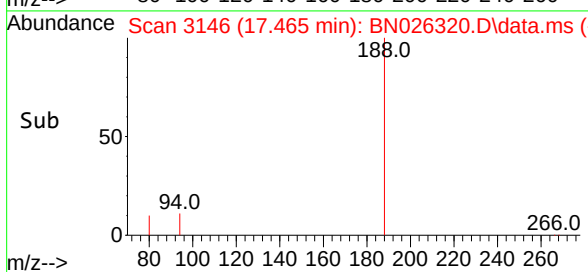
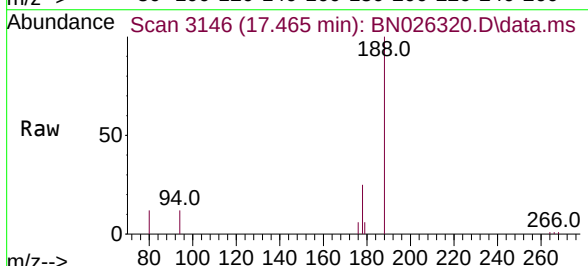
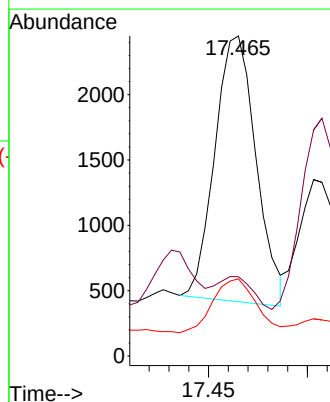
RT: 17.465 min Scan# 3146

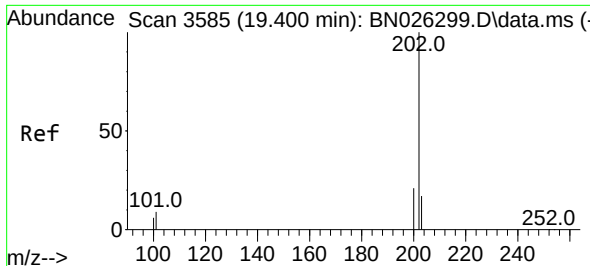
Delta R.T. -0.013 min

Lab File: BN026320.D

Acq: 06 Jul 2023 08:50

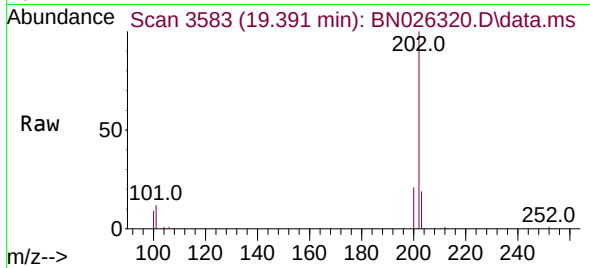
Tgt Ion:178	Resp:	2933
Ion Ratio	Lower	Upper
178	100	
179	24.7	12.6 18.8#
176	24.1	15.1 22.7#





#19
Fluoranthene
Concen: 0.538 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. -0.010 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50

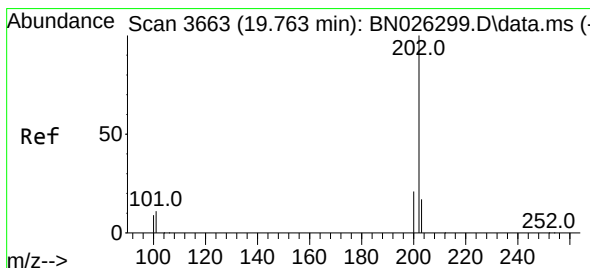
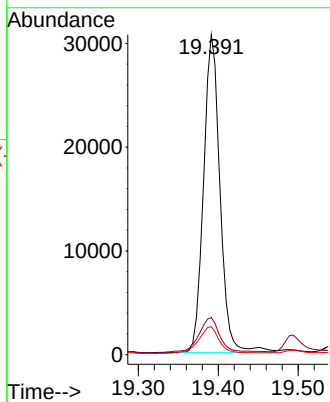
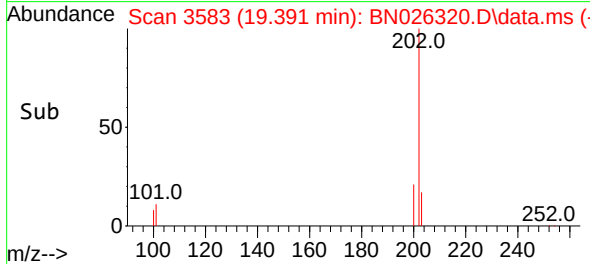
Instrument :
BNA_N
ClientSampleId :
DCGK2



Tgt Ion:202 Resp: 4384
Ion Ratio Lower Upper
202 100
101 11.6 9.5 14.3
100 8.7 7.3 10.9

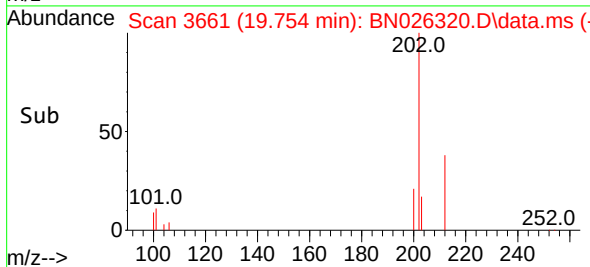
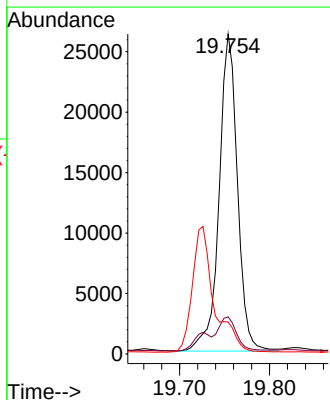
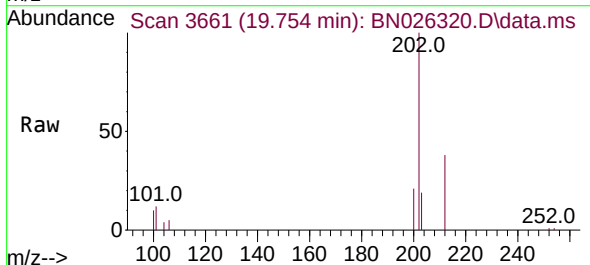
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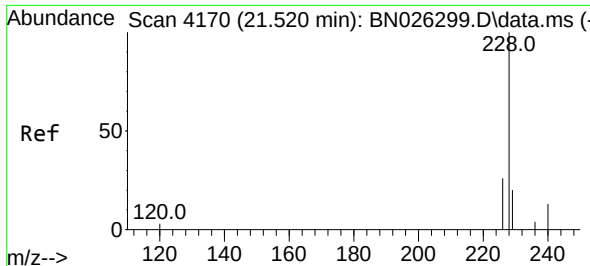
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#20
Pyrene
Concen: 0.437 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.010 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50

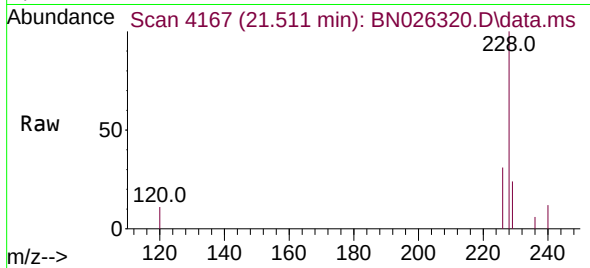
Tgt Ion:202 Resp: 37074
Ion Ratio Lower Upper
202 100
101 11.6 11.4 17.0
100 9.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.004 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50

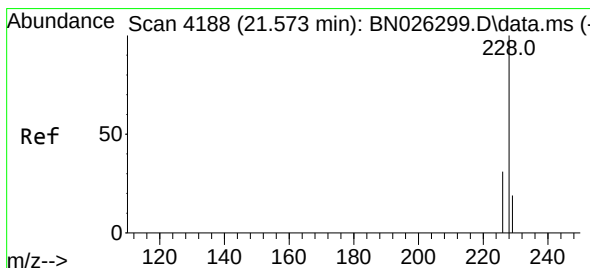
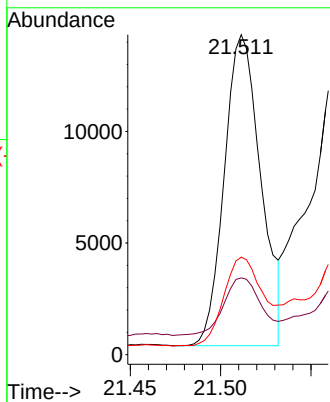
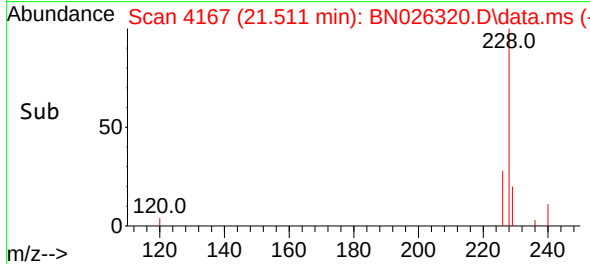
Instrument :
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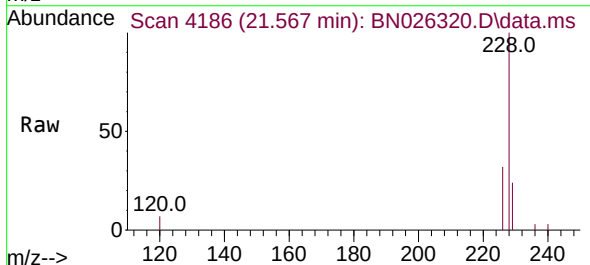
Tgt Ion:228 Resp: 19584
Ion Ratio Lower Upper
228 100
229 24.0 15.8 23.6
226 30.5 22.5 33.7

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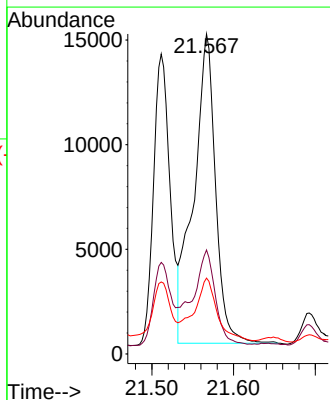
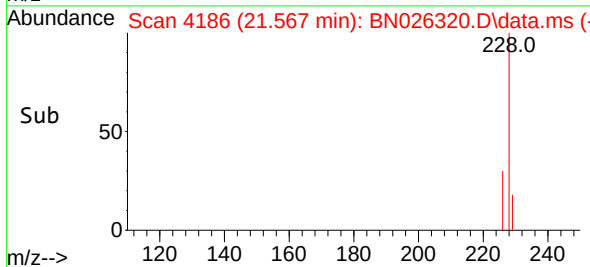
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

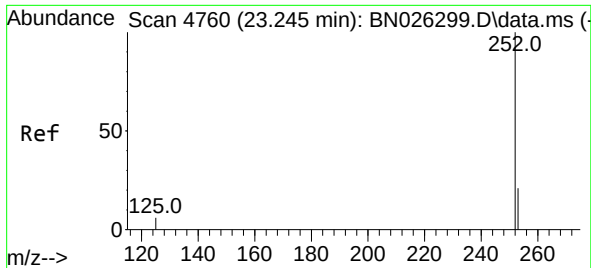


#22
Chrysene
Concen: 0.420 ng/ul
RT: 21.567 min Scan# 4186
Delta R.T. -0.004 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50



Tgt Ion:228 Resp: 27495
Ion Ratio Lower Upper
228 100
226 32.5 24.8 37.2
229 23.7 15.7 23.5#





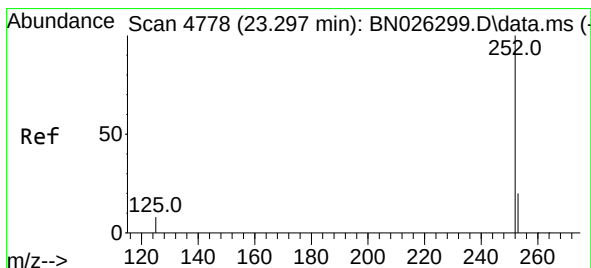
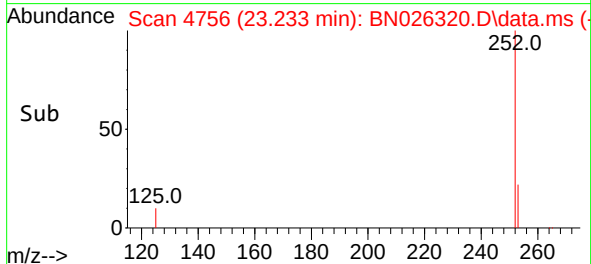
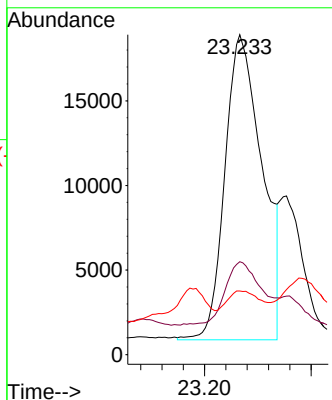
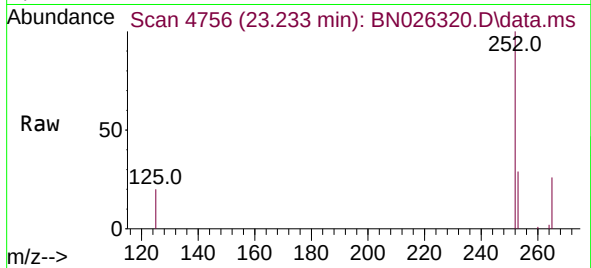
#24
Benzo(b)fluoranthene
Concen: 0.603 ng/ul m
RT: 23.233 min Scan# 4756
Delta R.T. -0.012 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50

Instrument :
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ClientSampleId :
DCGK2

Tgt Ion:252 Resp: 43690
Ion Ratio Lower Upper
252 100
253 29.1 0.0 55.6
125 19.9 0.0 35.8

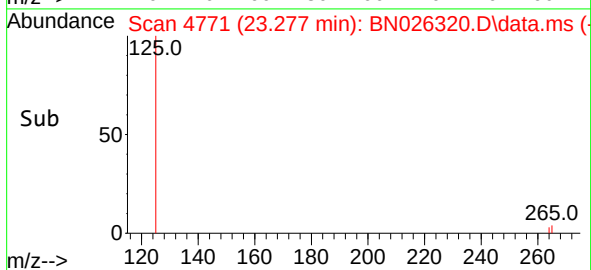
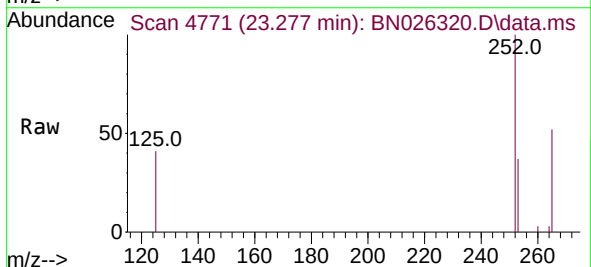
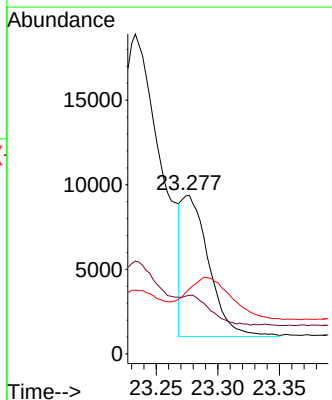
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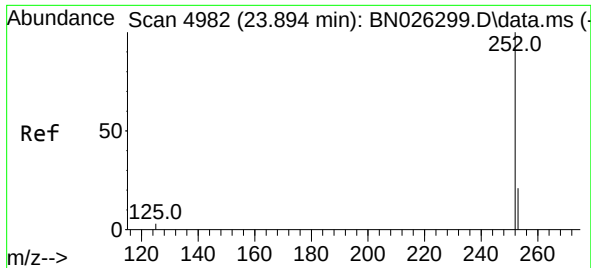
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#25
Benzo(k)fluoranthene
Concen: 0.177 ng/ul m
RT: 23.277 min Scan# 4771
Delta R.T. -0.015 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50

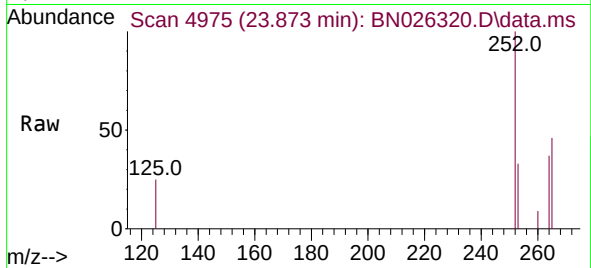
Tgt Ion:252 Resp: 12880
Ion Ratio Lower Upper
252 100
253 36.9 23.2 34.8#
125 41.1 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.873 min Scan# 4982
Delta R.T. -0.015 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50

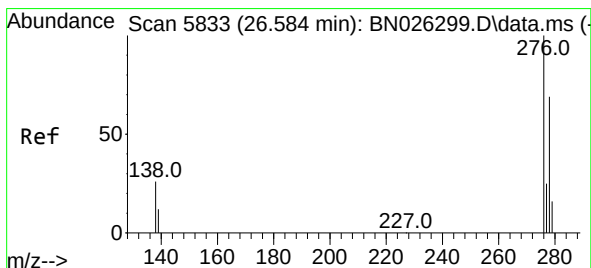
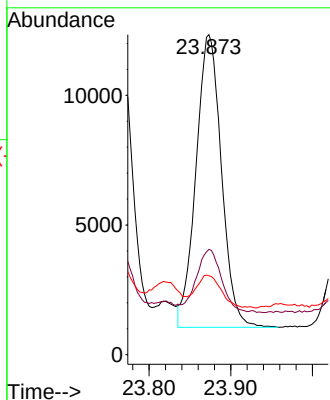
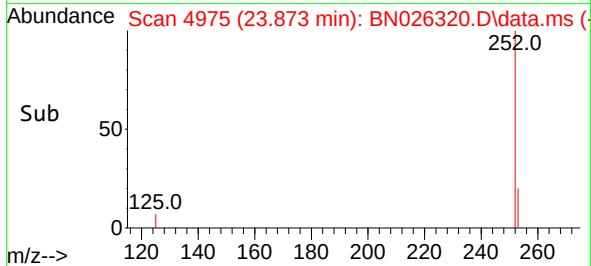
Instrument :
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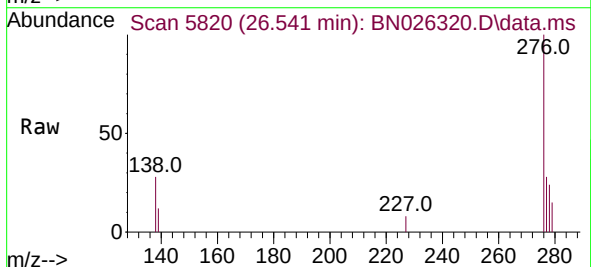
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Ion Ratio Lower Upper
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125 24.6 17.3 25.9

Manual Integrations
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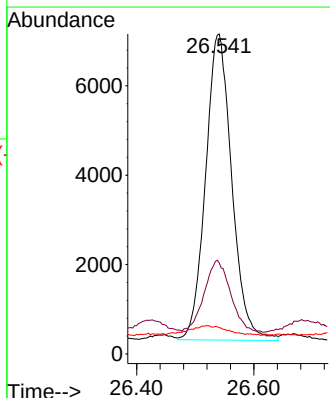
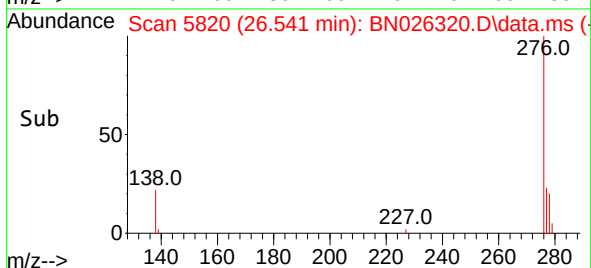
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

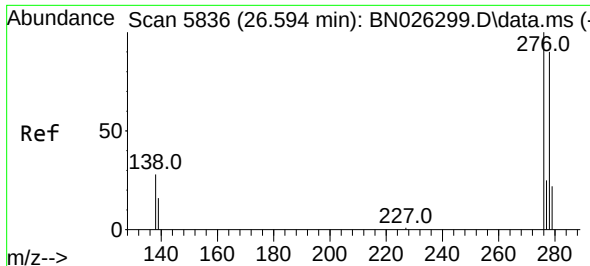


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.309 ng/ul
RT: 26.541 min Scan# 5820
Delta R.T. -0.041 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50



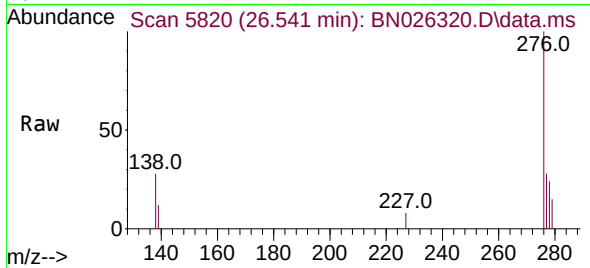
Tgt Ion:276 Resp: 21251
Ion Ratio Lower Upper
276 100
138 23.5 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 26.541 min Scan# 512
Delta R.T. -0.054 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50

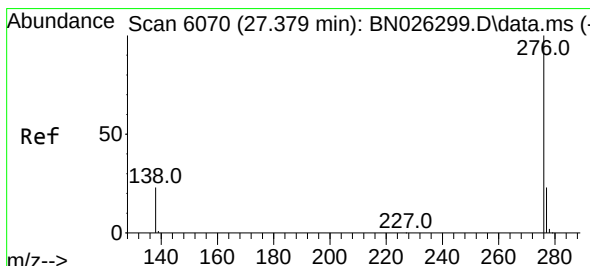
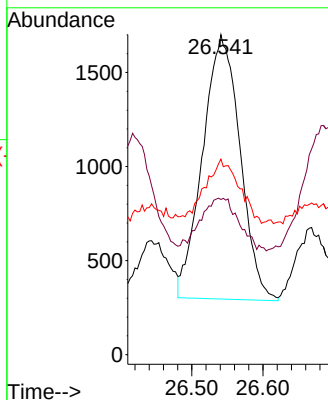
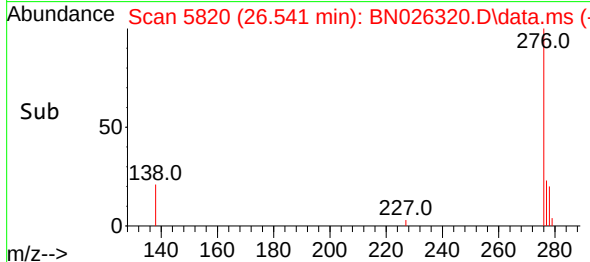
Instrument :
BNA_N
ClientSampleId :
DCGK2



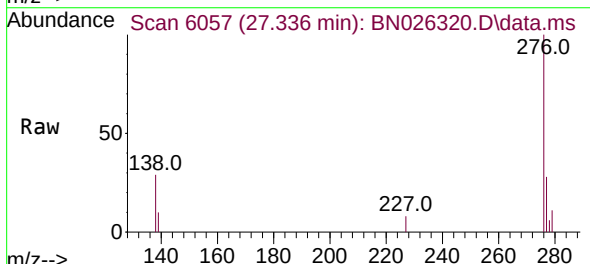
Tgt Ion:278 Resp: 512
Ion Ratio Lower Upper
278 100
139 48.5 19.0 28.4
279 61.1 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#29
Benzo(g,h,i)perylene
Concen: 0.356 ng/ul
RT: 27.336 min Scan# 6057
Delta R.T. -0.044 min
Lab File: BN026320.D
Acq: 06 Jul 2023 08:50



Tgt Ion:276 Resp: 21751
Ion Ratio Lower Upper
276 100
138 29.4 23.4 35.0
277 27.5 20.0 30.0

