

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026095.D
 Acq On : 29 Jun 2023 15:26
 Operator : MA/JU
 Sample : 03142-07DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 00:44:06 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	7983	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	26857	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.608	164	15913	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	31764	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	17654	0.400	ng/ul	0.00
23) Perylene-d12	24.006	264	16294	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	4058	0.451	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.371	152	1171	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	2140	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.831	128	2384	0.031	ng/ul#	87
7) 2-Methylnaphthalene	12.442	142	1337	0.027	ng/ul	100
10) Acenaphthylene	14.331	152	2343	0.031	ng/ul#	87
11) Acenaphthene	14.668	153	1298	0.021	ng/ul	95
15) Phenanthrene	17.394	178	30249	0.288	ng/ul	100
16) Anthracene	17.483	178	4421	0.047	ng/ul#	88
19) Fluoranthene	19.411	202	78634	0.834	ng/ul	98
20) Pyrene	19.773	202	63383	0.646	ng/ul	96
21) Benzo(a)anthracene	21.524	228	24978	0.343	ng/ul	96
22) Chrysene	21.577	228	32225	0.425	ng/ul#	95
24) Benzo(b)fluoranthene	23.251	252	47899m	0.689	ng/ul	
25) Benzo(k)fluoranthene	23.298	252	14797m	0.212	ng/ul	
26) Benzo(a)pyrene	23.889	252	26750	0.443	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.568	276	22925	0.347	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.575	278	4970	0.100	ng/ul#	56
29) Benzo(g,h,i)perylene	27.370	276	22370	0.381	ng/ul	98

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

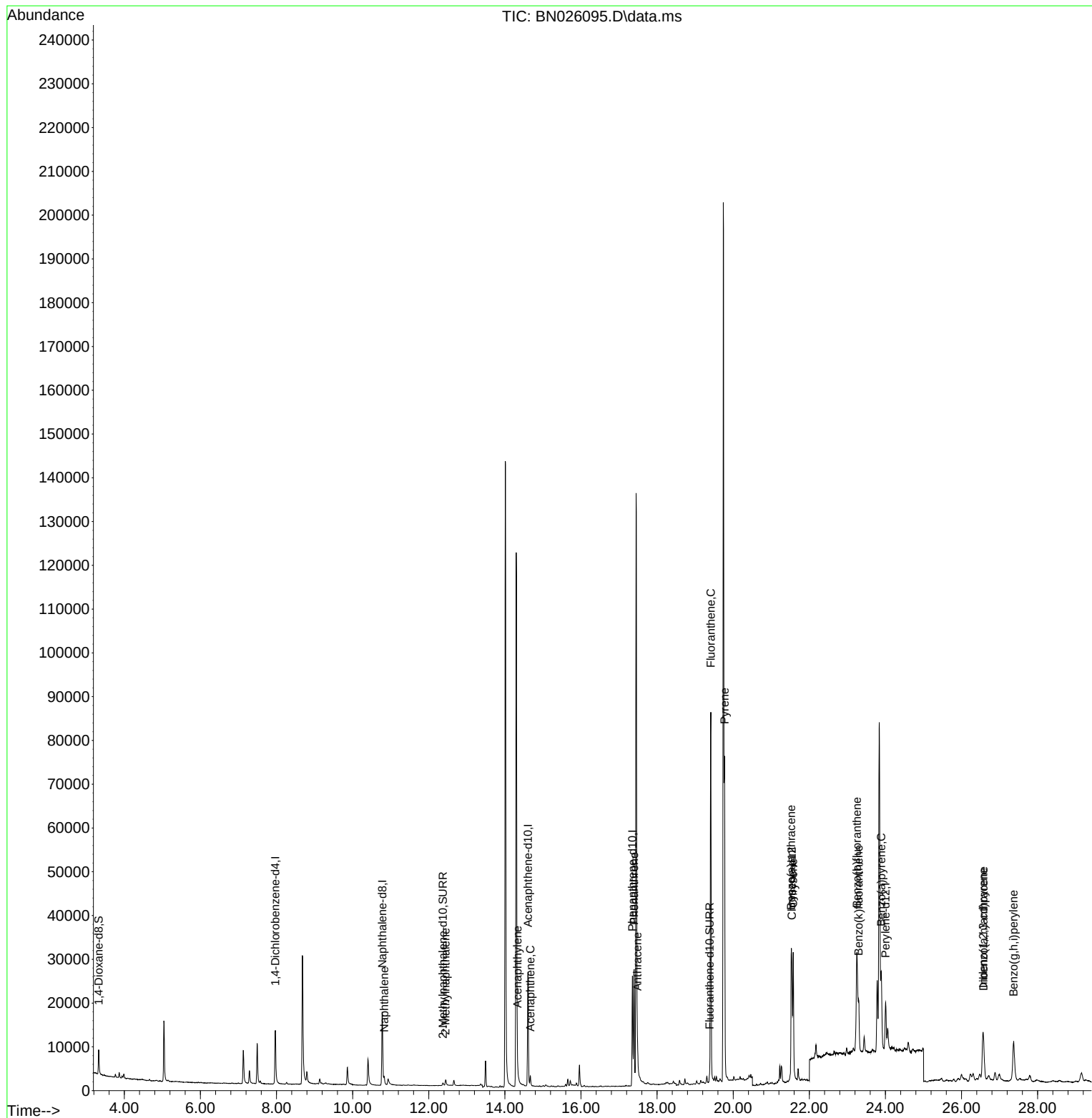
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026095.D
Acq On : 29 Jun 2023 15:26
Operator : MA/JU
Sample : 03142-07DL 5X
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ALS Vial : 16 Sample Multiplier: 1

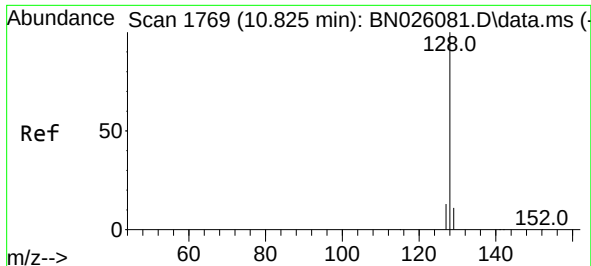
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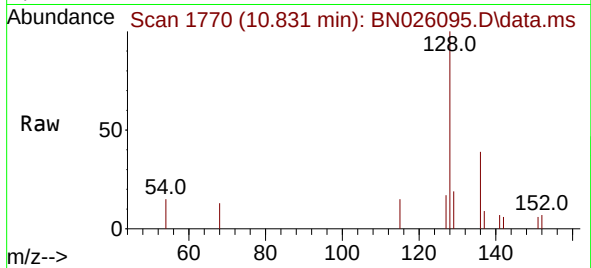
Quant Time: Jun 30 00:44:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.831 min Scan# 1770
Delta R.T. -0.005 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

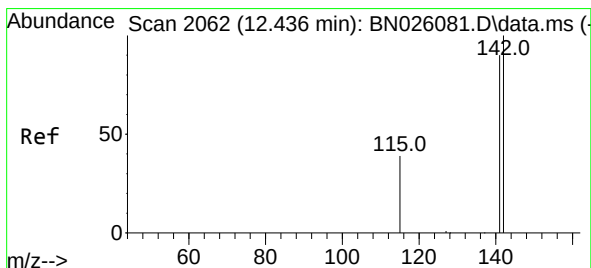
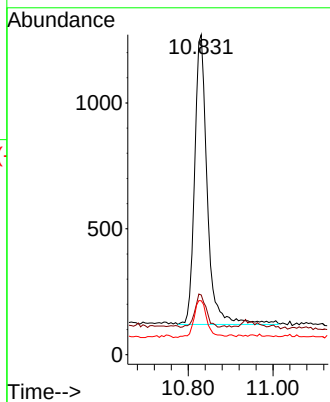
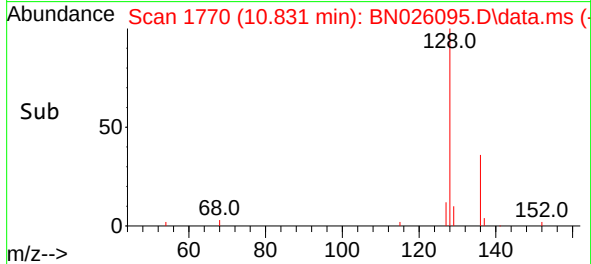
Instrument :
BNA_N
ClientSampleId :
DCFS6DL



Tgt Ion:128 Resp: 2384
Ion Ratio Lower Upper
128 100
129 18.6 9.1 13.7
127 16.8 10.7 16.1

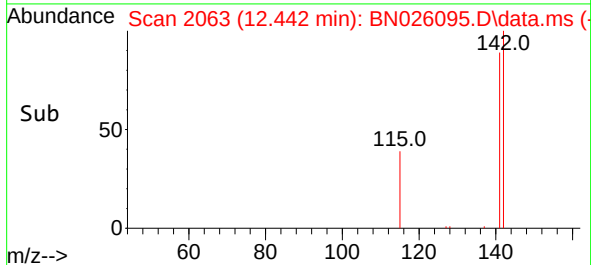
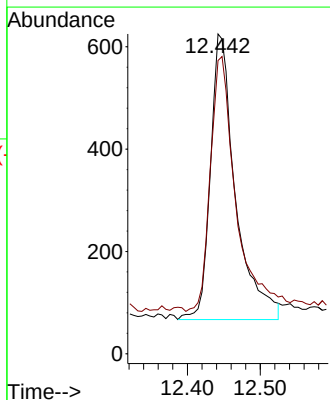
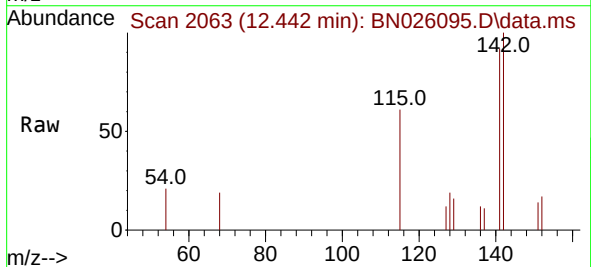
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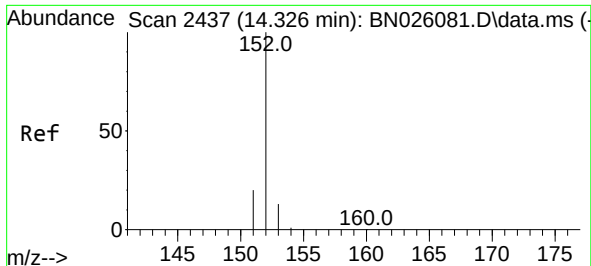
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

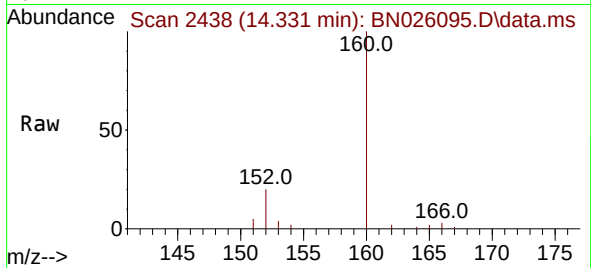
Tgt Ion:142 Resp: 1337
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.331 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

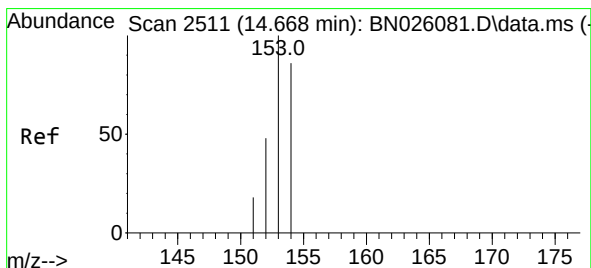
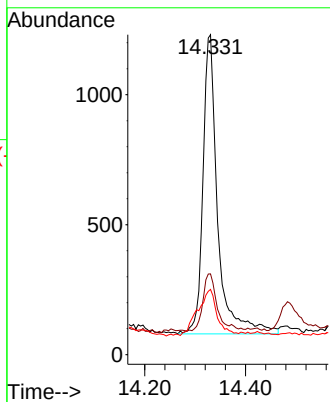
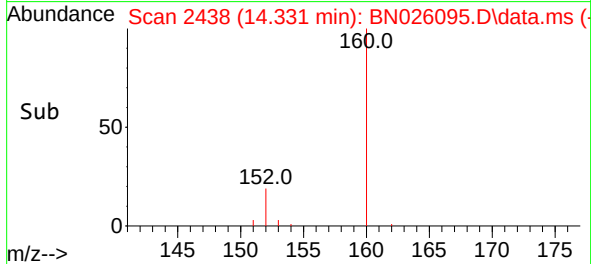
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 234
Ion Ratio Lower Upper
152 100
151 25.3 16.2 24.4
153 20.4 10.9 16.3

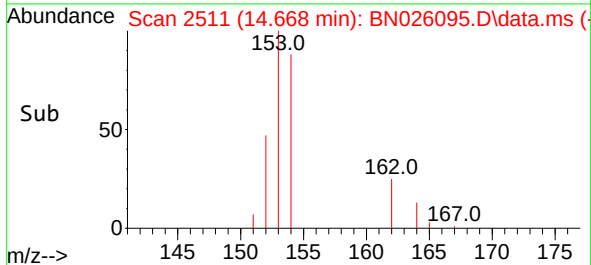
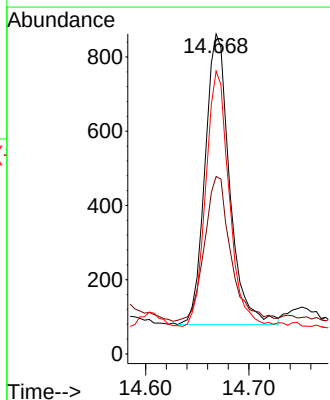
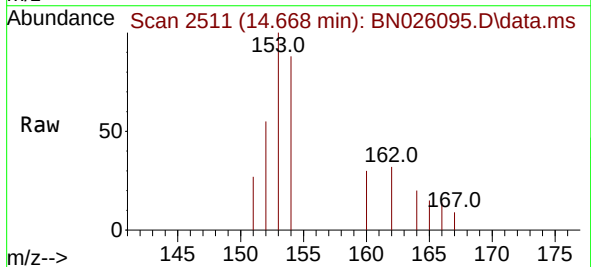
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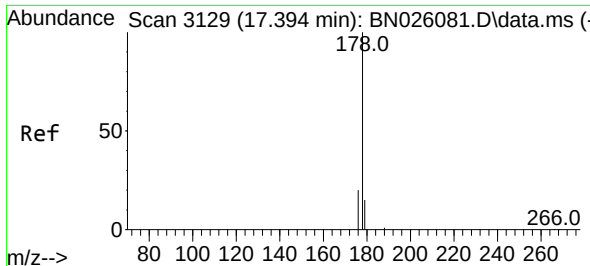
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.668 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

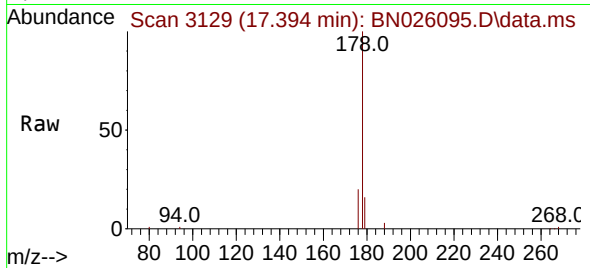
Tgt Ion:153 Resp: 1298
Ion Ratio Lower Upper
153 100
152 55.5 39.4 59.0
154 88.4 68.9 103.3





#15
Phenanthrene
Concen: 0.288 ng/ul
RT: 17.394 min Scan# 3129
Delta R.T. -0.007 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

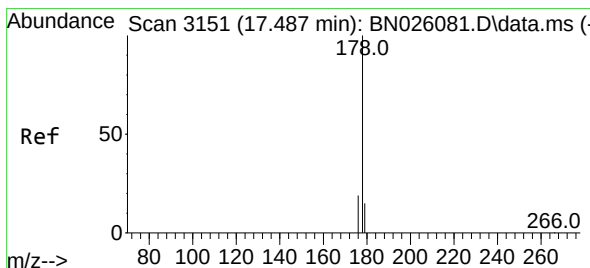
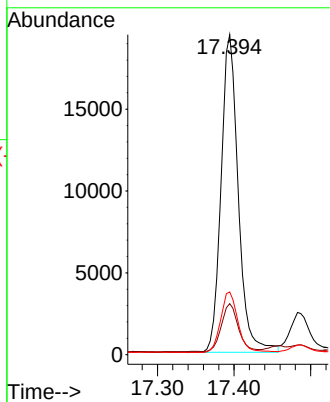
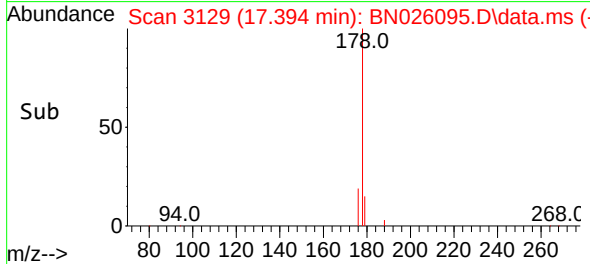
Instrument :
BNA_N
ClientSampleId :
DCFS6DL



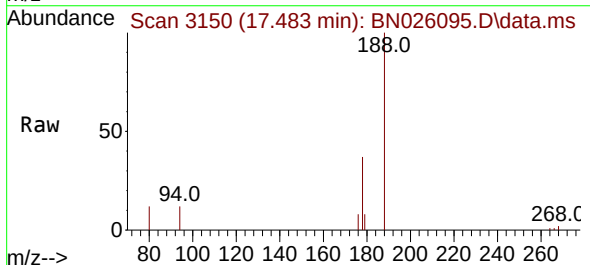
Tgt Ion:178 Resp: 30249
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.6 15.8 23.6

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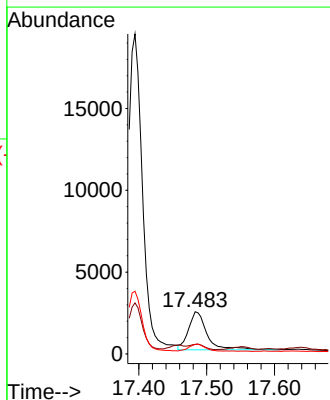
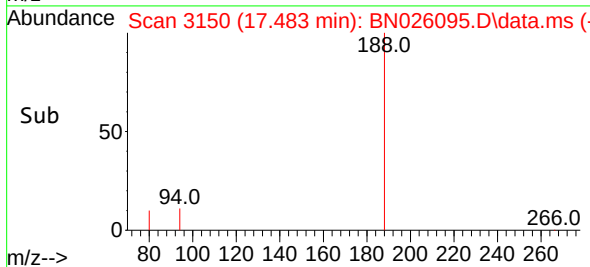
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

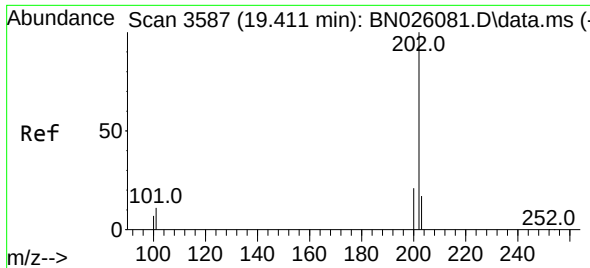


#16
Anthracene
Concen: 0.047 ng/ul
RT: 17.483 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26



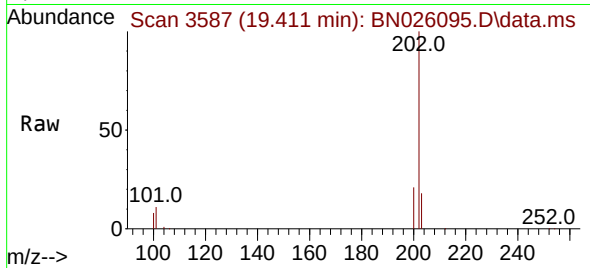
Tgt Ion:178 Resp: 4421
Ion Ratio Lower Upper
178 100
179 22.7 12.6 18.8#
176 22.6 15.1 22.7





#19
Fluoranthene
Concen: 0.834 ng/ul
RT: 19.411 min Scan# 3587
Delta R.T. -0.004 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

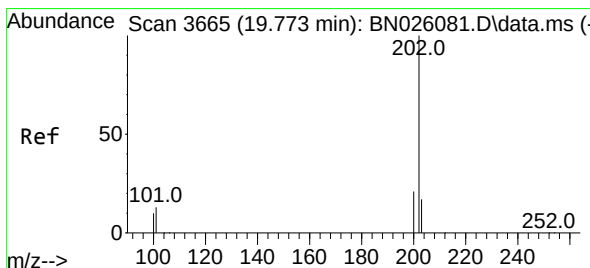
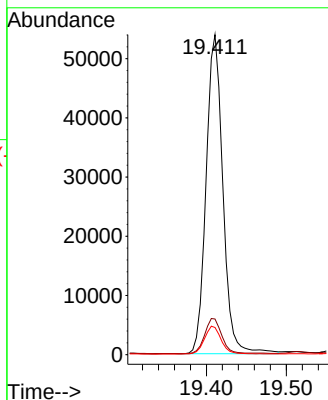
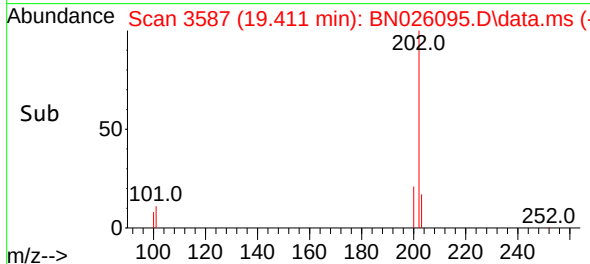
Instrument :
BNA_N
ClientSampleId :
DCFS6DL



Tgt Ion:202 Resp: 78634
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.5 7.3 10.9

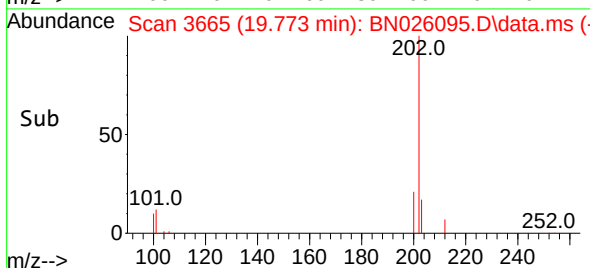
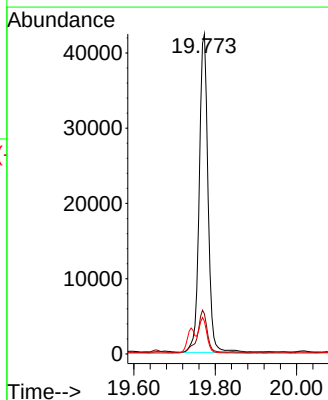
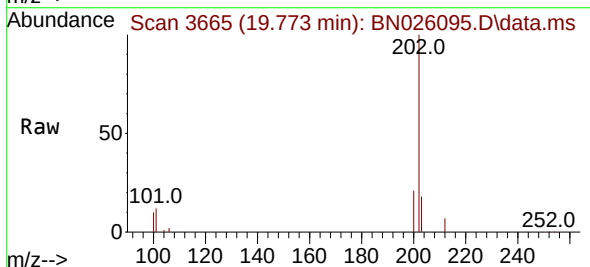
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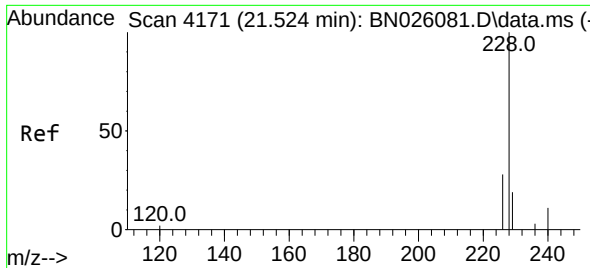
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 0.646 ng/ul
RT: 19.773 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

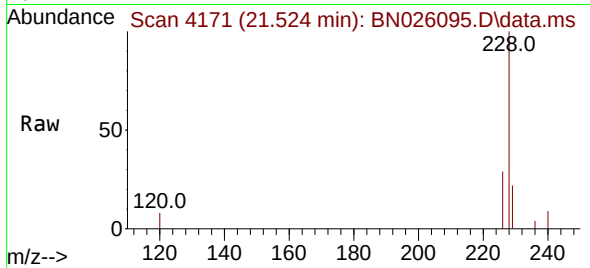
Tgt Ion:202 Resp: 63383
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.524 min Scan# 4171
Delta R.T. -0.005 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

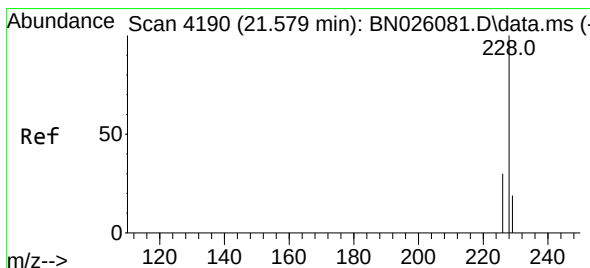
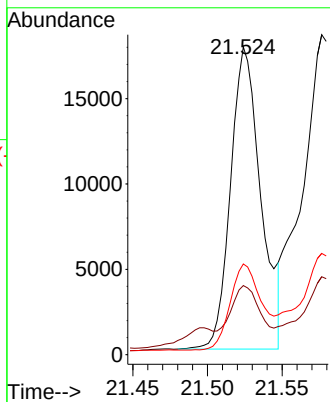
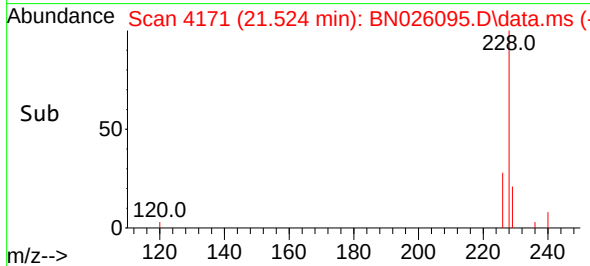
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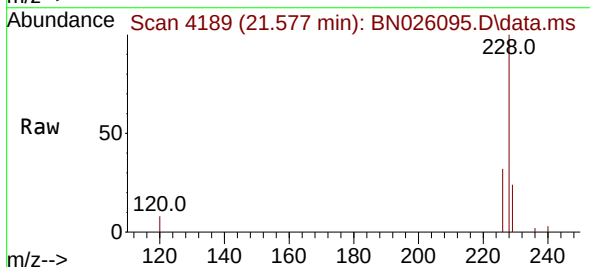
Tgt Ion:228 Resp: 24978
Ion Ratio Lower Upper
228 100
229 22.5 15.8 23.6
226 29.5 22.5 33.7

Manual Integrations
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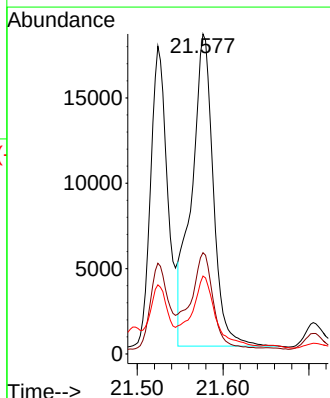
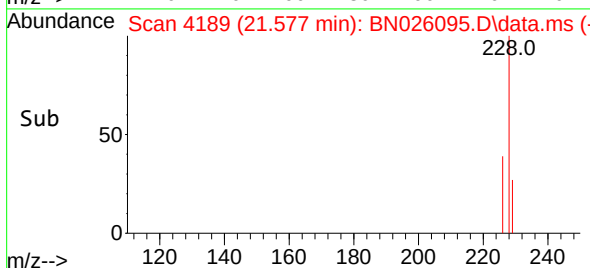
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Supervised By :mohammad ahmed 06/30/2023

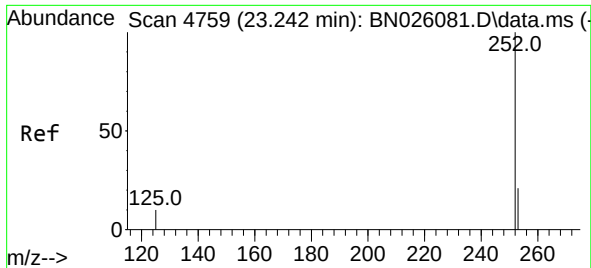


#22
Chrysene
Concen: 0.425 ng/ul
RT: 21.577 min Scan# 4189
Delta R.T. -0.002 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26



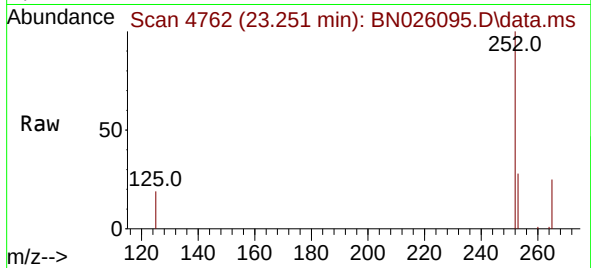
Tgt Ion:228 Resp: 32225
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 24.3 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.689 ng/ul m
RT: 23.251 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

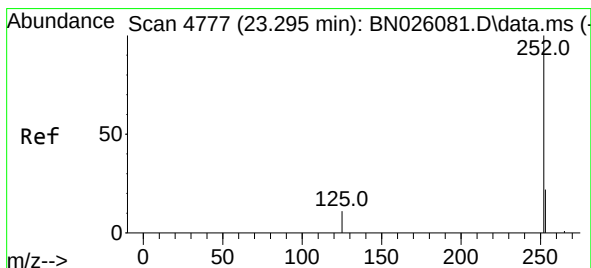
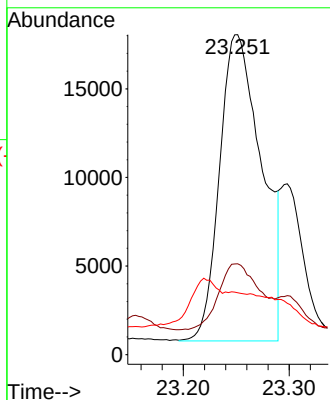
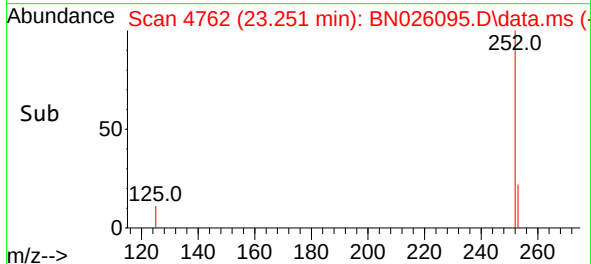
Instrument :
BNA_N
ClientSampleId :
DCFS6DL



Tgt Ion:252 Resp: 4789
Ion Ratio Lower Upper
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253 28.4 0.0 55.6
125 19.4 0.0 35.8

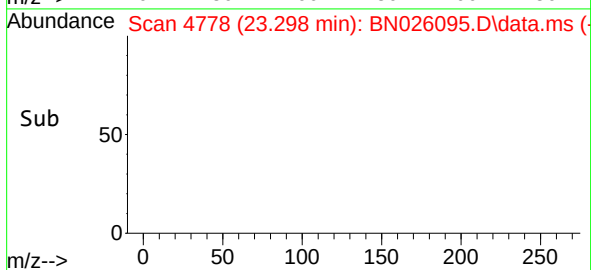
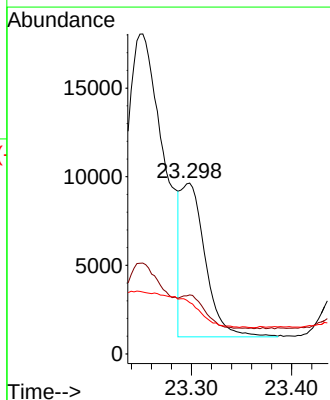
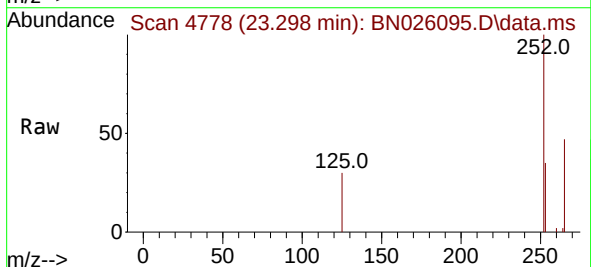
Manual Integrations
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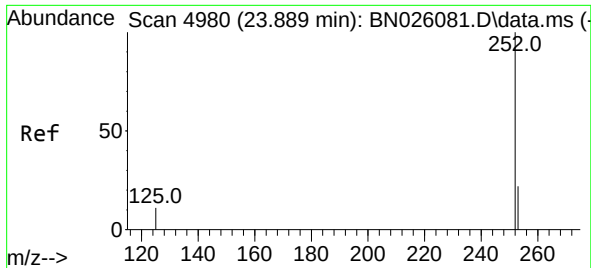
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.212 ng/ul m
RT: 23.298 min Scan# 4778
Delta R.T. -0.005 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

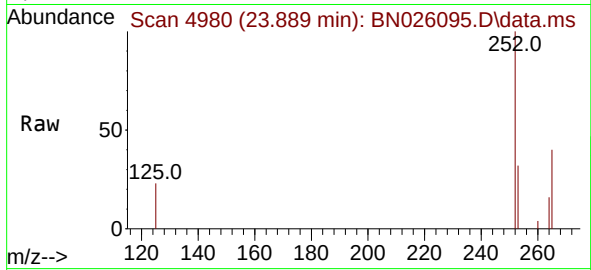
Tgt Ion:252 Resp: 14797
Ion Ratio Lower Upper
252 100
253 34.5 23.2 34.8
125 30.0 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.443 ng/ul
RT: 23.889 min Scan# 4980
Delta R.T. -0.017 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

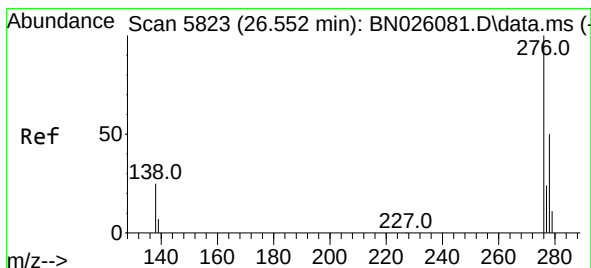
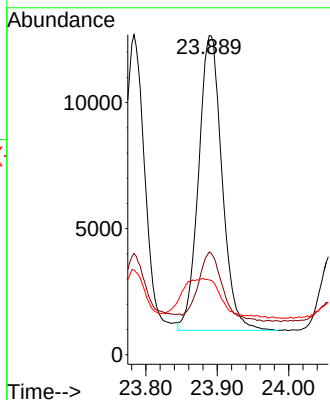
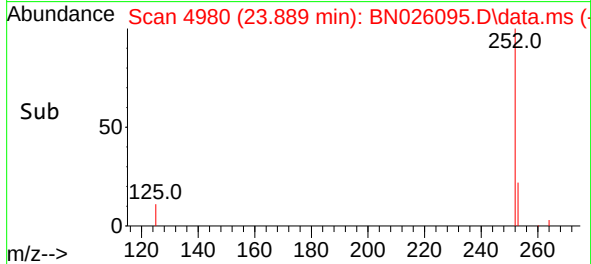
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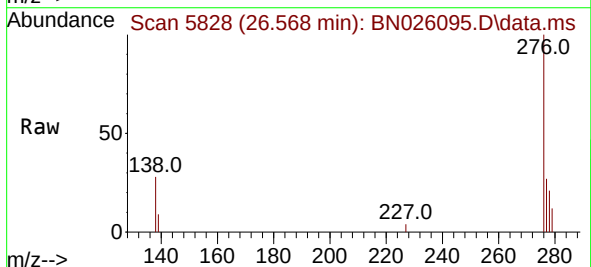
Tgt Ion:252 Resp: 26750
Ion Ratio Lower Upper
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253 32.2 26.0 39.0
125 23.4 17.3 25.9

Manual Integrations
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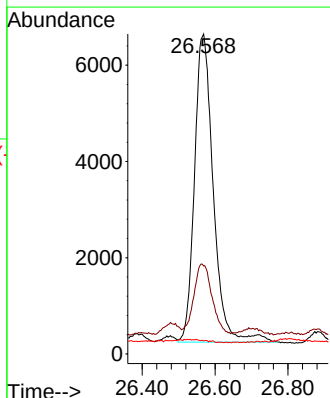
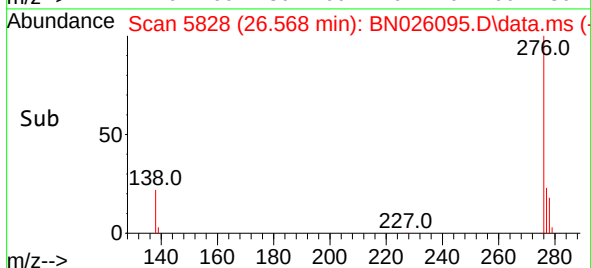
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

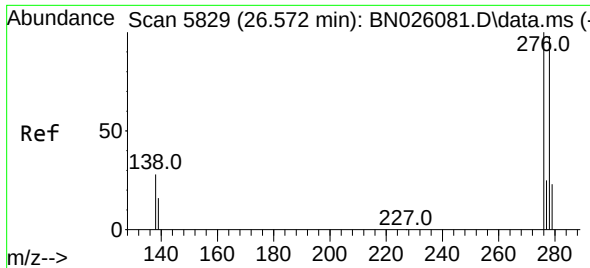


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 26.568 min Scan# 5828
Delta R.T. -0.026 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26



Tgt Ion:276 Resp: 22925
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7#
227 0.0 0.0 0.0





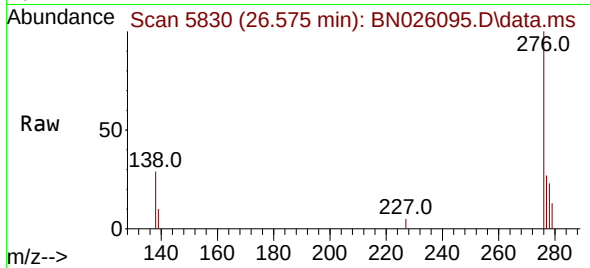
#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 26.575 min Scan# 5829
Delta R.T. -0.039 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26

Instrument :

BNA_N

ClientSampleId :

DCFS6DL



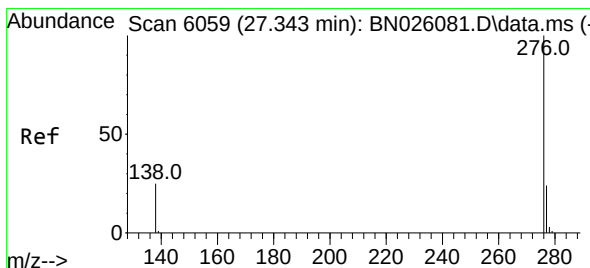
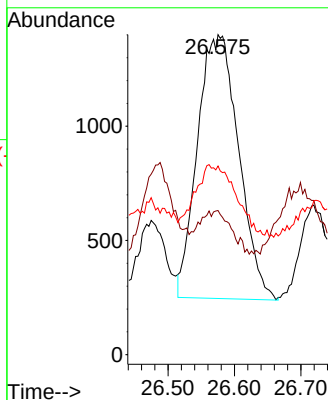
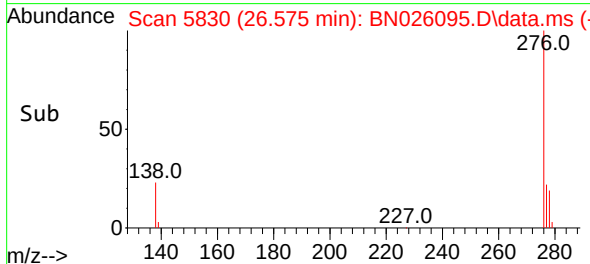
Tgt Ion:278 Resp: 4970
Ion Ratio Lower Upper
278 100
139 45.0 19.0 28.4
279 59.0 26.7 40.1

Manual Integrations

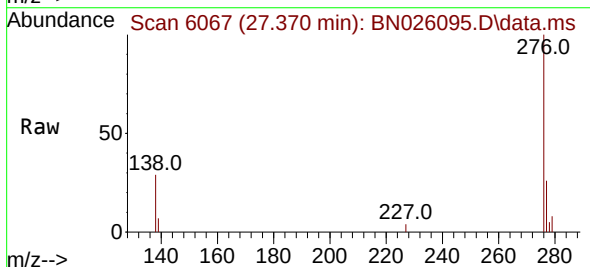
APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 27.370 min Scan# 6067
Delta R.T. -0.016 min
Lab File: BN026095.D
Acq: 29 Jun 2023 15:26



Tgt Ion:276 Resp: 22370
Ion Ratio Lower Upper
276 100
138 28.6 23.4 35.0
277 26.2 20.0 30.0

