

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032665.D
 Acq On : 12 Jul 2024 10:09
 Operator : MA/JU
 Sample : P3087-22
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CY9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 12:29:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	5460	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	17834	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	10209	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	18207m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	12964m	0.400	ng/ul	-0.02
23) Perylene-d12	23.371	264	13488m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	16838	2.568	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	4463	0.166	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	7219	0.171	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	982	0.021	ng/ul#	74
10) Acenaphthylene	13.920	152	1447	0.035	ng/ul#	80
11) Acenaphthene	14.262	153	1001	0.029	ng/ul	97
12) Fluorene	15.262	166	1179	0.030	ng/ul#	97
15) Phenanthrene	16.999	178	20153m	0.406	ng/ul	
16) Anthracene	17.092	178	4299m	0.106	ng/ul	
19) Fluoranthene	19.031	202	38664	0.734	ng/ul	98
20) Pyrene	19.394	202	35869	0.657	ng/ul	99
21) Benzo(a)anthracene	21.162	228	17867	0.433	ng/ul	96
22) Chrysene	21.214	228	16380	0.274	ng/ul	97
24) Benzo(b)fluoranthene	22.713	252	25369m	0.533	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	9213m	0.159	ng/ul	
26) Benzo(a)pyrene	23.272	252	18179	0.441	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.586	276	13805	0.248	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.586	278	3018	0.070	ng/ul#	36
29) Benzo(g,h,i)perylene	26.256	276	13811	0.296	ng/ul	95

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

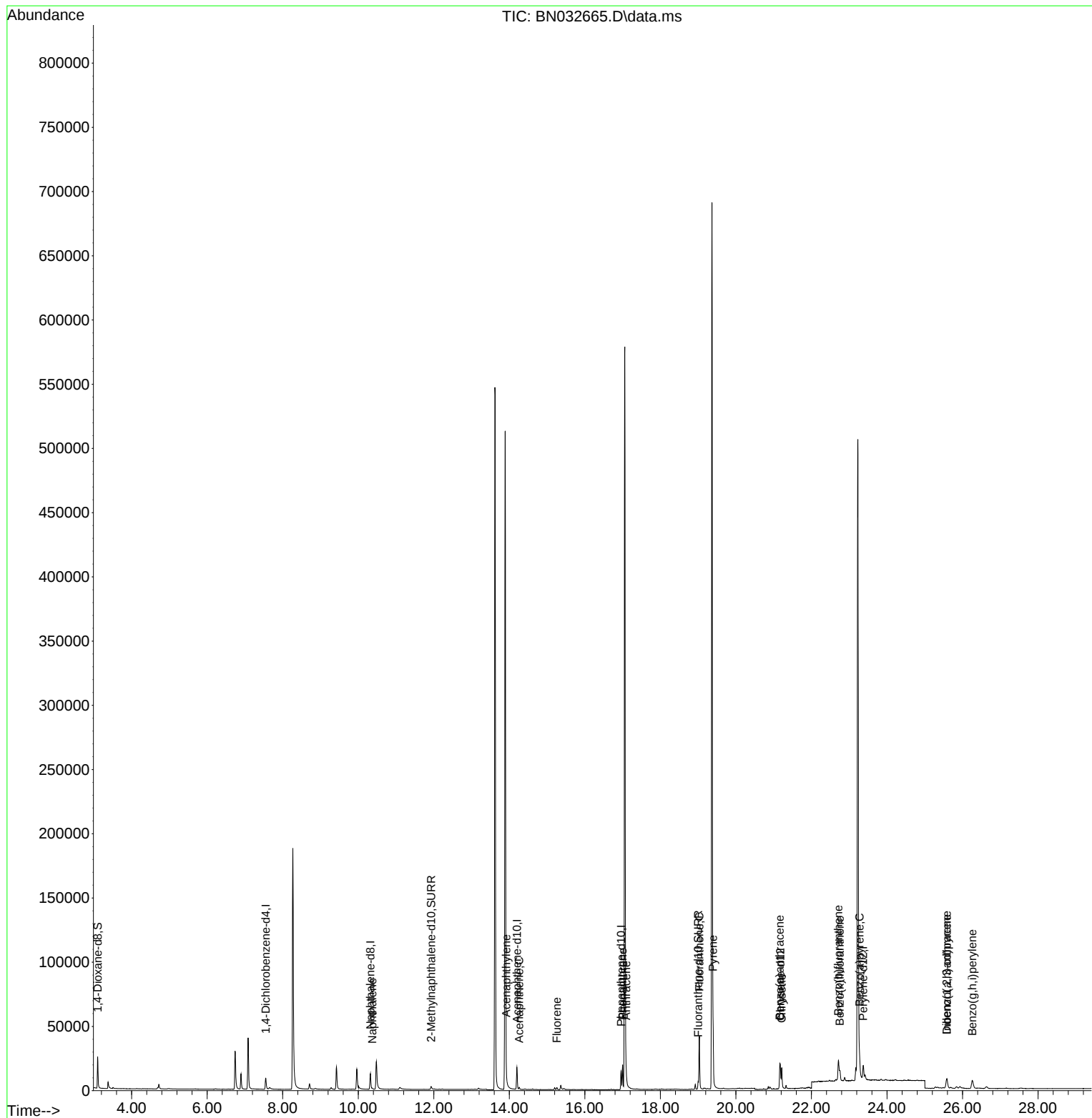
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032665.D
Acq On : 12 Jul 2024 10:09
Operator : MA/JU
Sample : P3087-22
Misc :
ALS Vial : 4 Sample Multiplier: 1

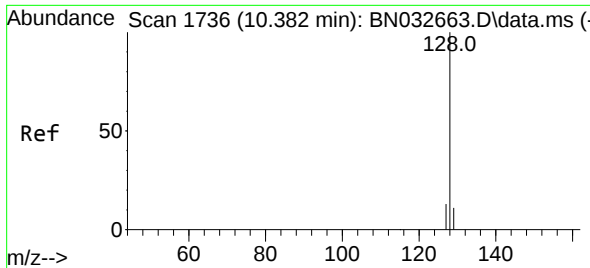
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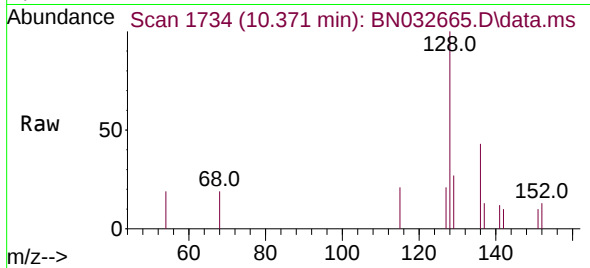
Quant Time: Jul 12 12:29:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.371 min Scan# 11
Delta R.T. -0.039 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

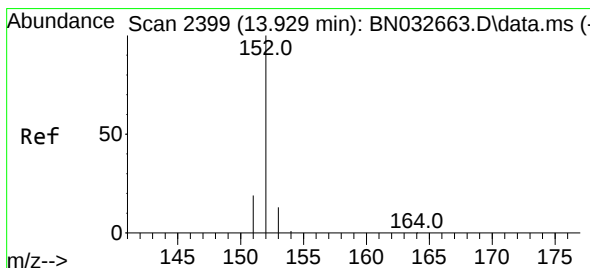
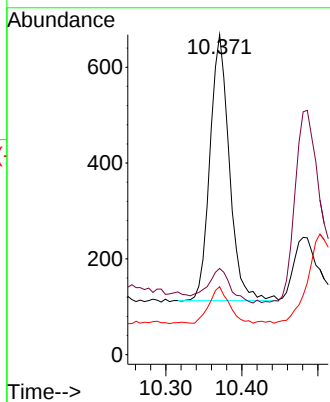
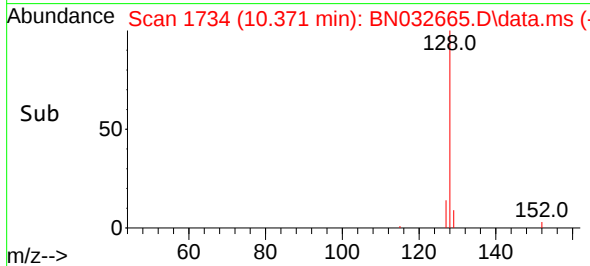
Instrument :
BNA_N
ClientSampleId :
A4CY9



Tgt Ion:128 Resp: 98
Ion Ratio Lower Upper
128 100
129 26.9 10.0 15.0#
127 21.3 11.6 17.4#

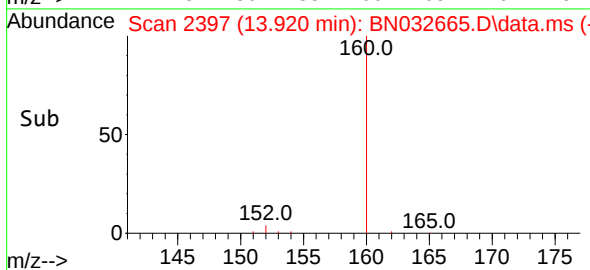
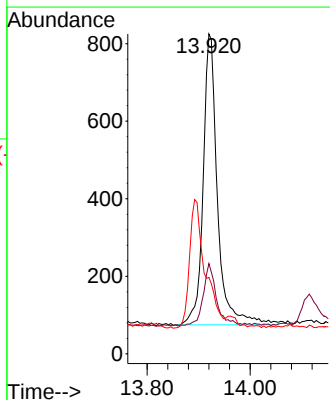
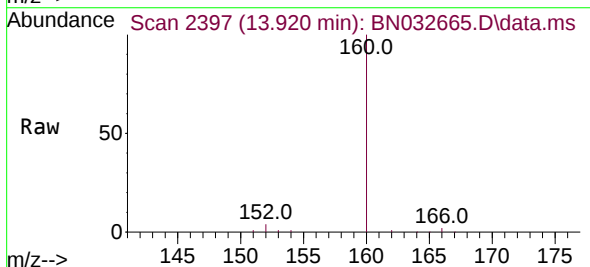
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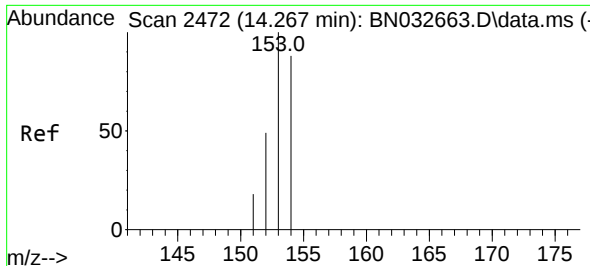
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

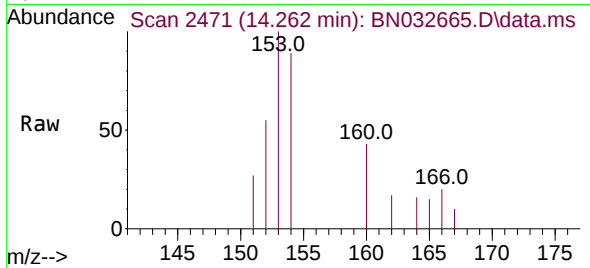
Tgt Ion:152 Resp: 1447
Ion Ratio Lower Upper
152 100
151 28.2 16.3 24.5#
153 23.9 11.3 16.9#





#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

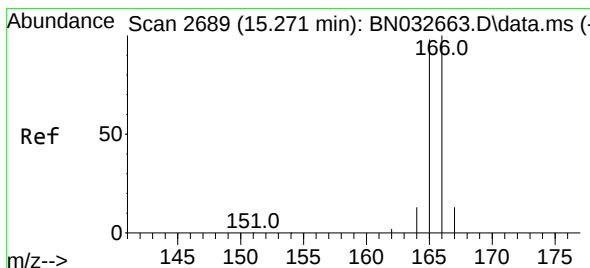
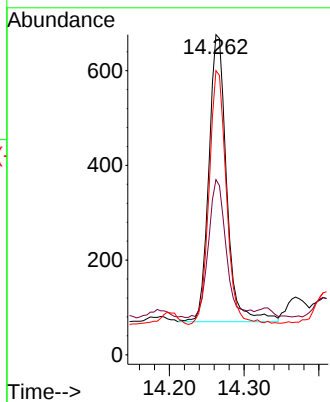
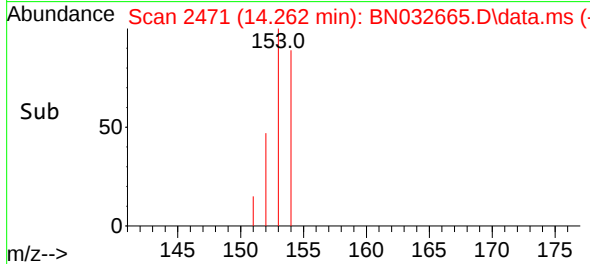
Instrument :
BNA_N
ClientSampleId :
A4CY9



Tgt Ion:153 Resp: 100
Ion Ratio Lower Upper
153 100
152 54.7 40.0 60.0
154 88.8 70.2 105.4

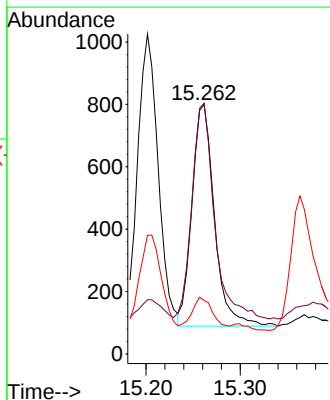
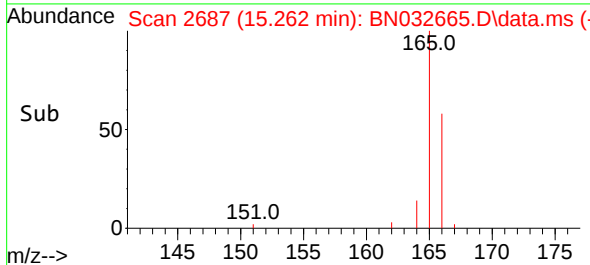
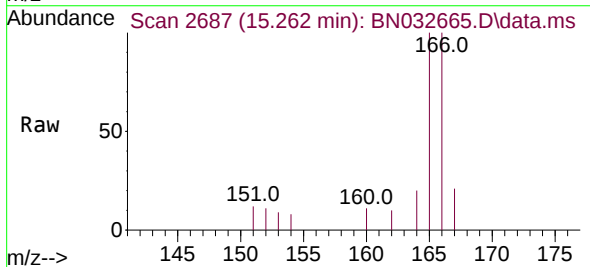
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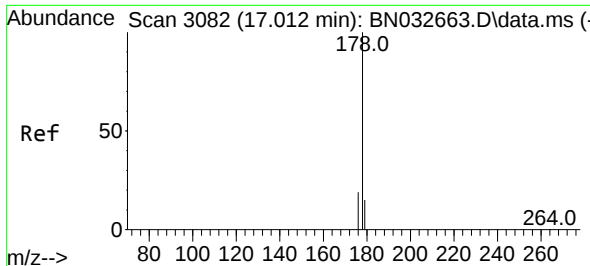
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

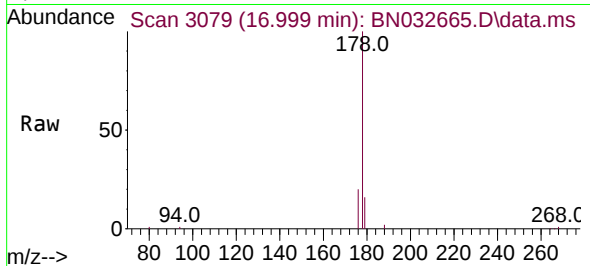
Tgt Ion:166 Resp: 1179
Ion Ratio Lower Upper
166 100
165 100.5 79.7 119.5
167 21.4 11.4 17.2#





#15
Phenanthrene
Concen: 0.406 ng/ul m
RT: 16.999 min Scan# 3082
Delta R.T. -0.030 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

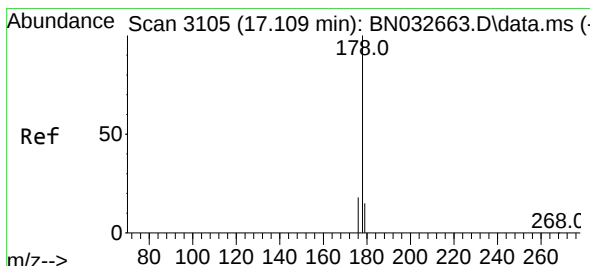
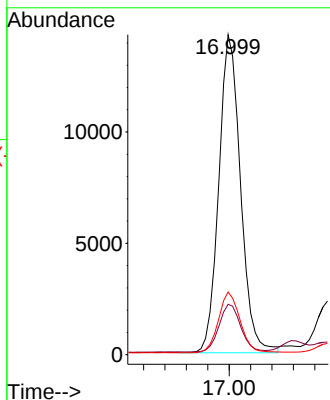
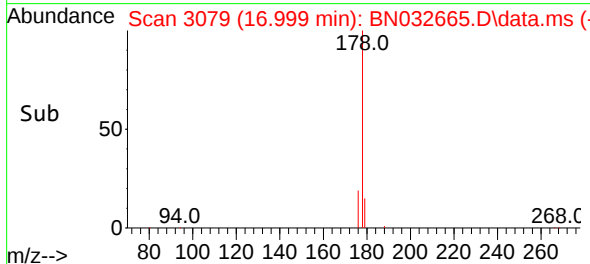
Instrument :
BNA_N
ClientSampleId :
A4CY9



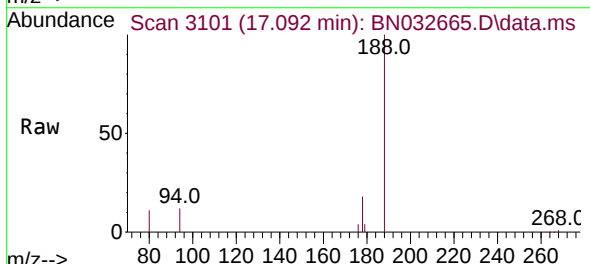
Tgt Ion:178 Resp: 2015
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.6 15.6 23.4

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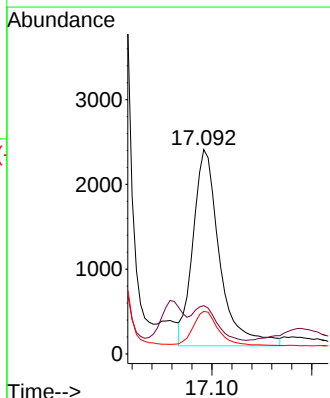
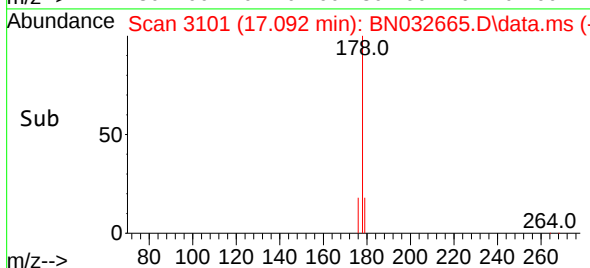
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

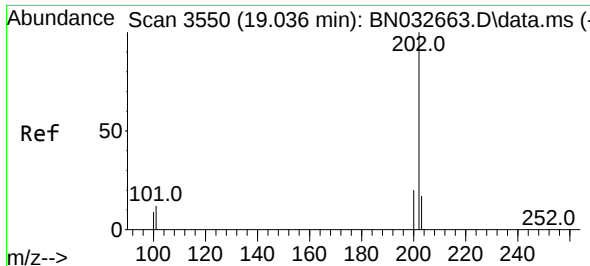


#16
Anthracene
Concen: 0.106 ng/ul m
RT: 17.092 min Scan# 3101
Delta R.T. -0.046 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09



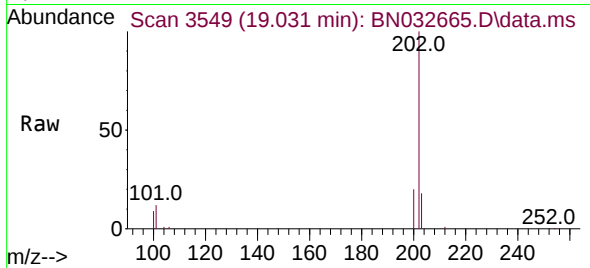
Tgt Ion:178 Resp: 4299
Ion Ratio Lower Upper
178 100
179 23.6 13.4 20.2#
176 20.8 15.4 23.0





#19
Fluoranthene
Concen: 0.734 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

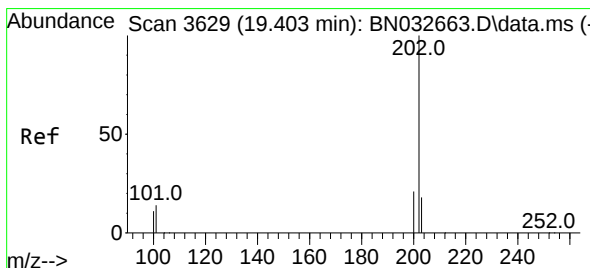
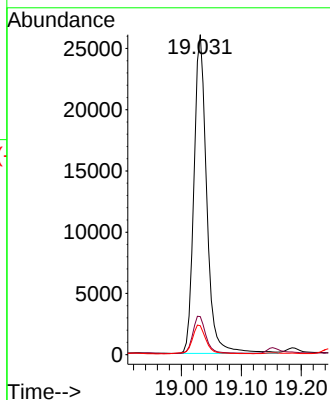
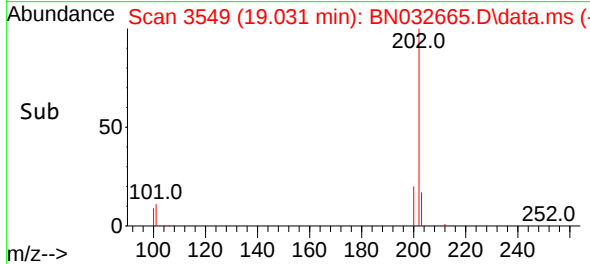
Instrument :
BNA_N
ClientSampleId :
A4CY9



Tgt Ion:202 Resp: 38664
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 9.1 7.9 11.9

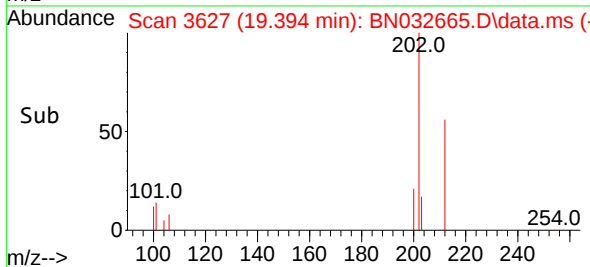
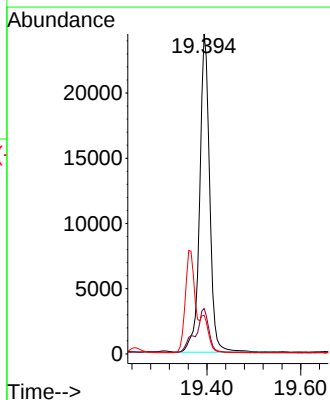
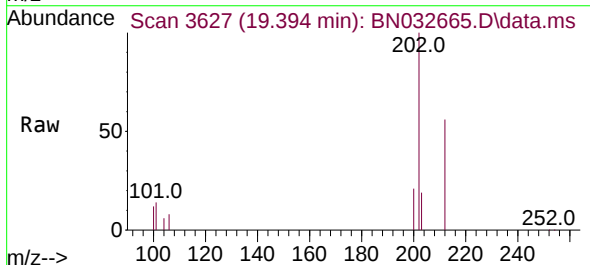
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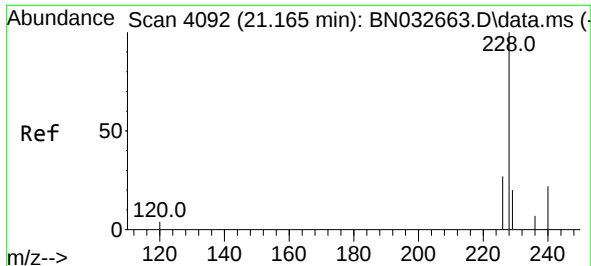
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 0.657 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

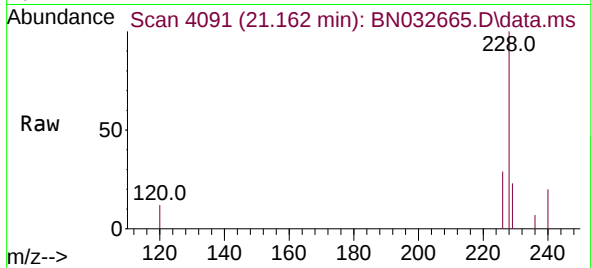
Tgt Ion:202 Resp: 35869
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 12.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.433 ng/u1
RT: 21.162 min Scan# 4091
Delta R.T. -0.020 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

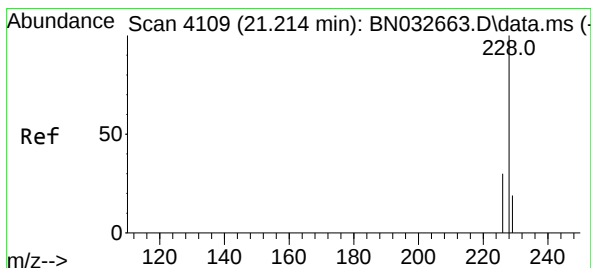
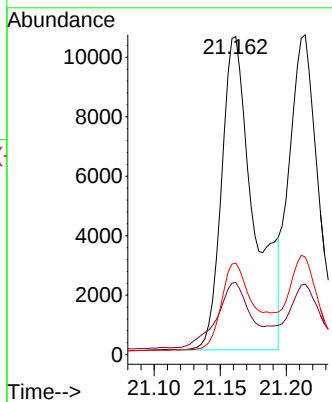
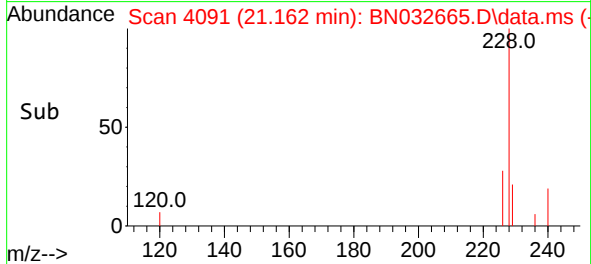
Instrument :
BNA_N
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A4CY9



Tgt Ion:228 Resp: 1786
Ion Ratio Lower Upper
228 100
229 22.7 16.1 24.1
226 28.8 21.9 32.9

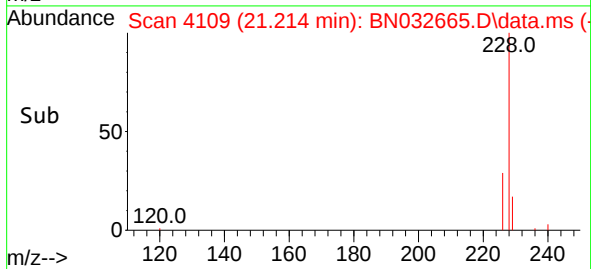
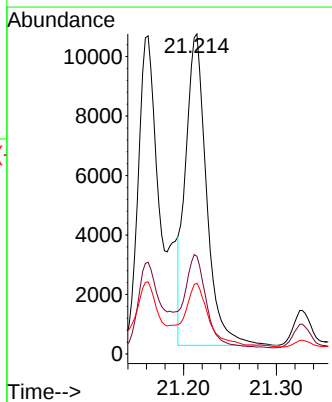
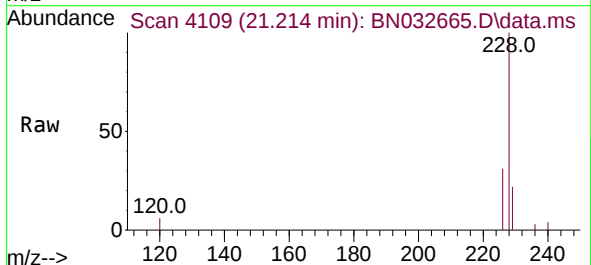
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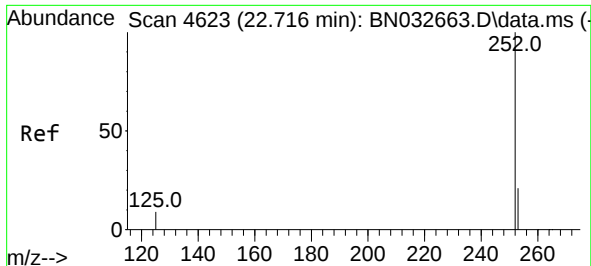
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.274 ng/u1
RT: 21.214 min Scan# 4109
Delta R.T. -0.018 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

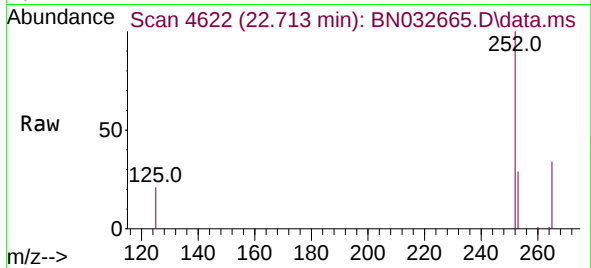
Tgt Ion:228 Resp: 16380
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.533 ng/ul m
RT: 22.713 min Scan# 4622
Delta R.T. -0.021 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

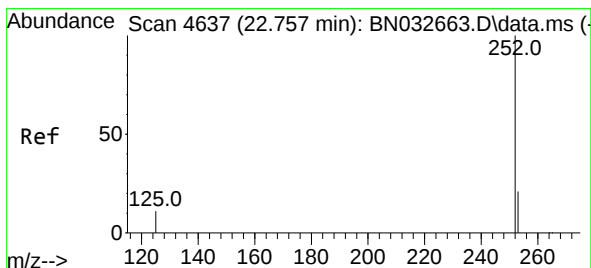
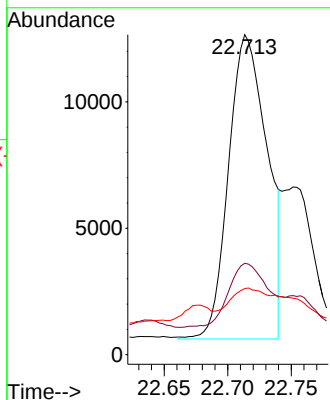
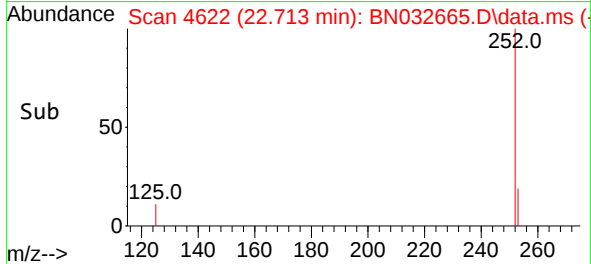
Instrument :
BNA_N
ClientSampleId :
A4CY9



Tgt Ion:252 Resp: 25369
Ion Ratio Lower Upper
252 100
253 28.6 0.0 54.0
125 20.7 0.0 36.0

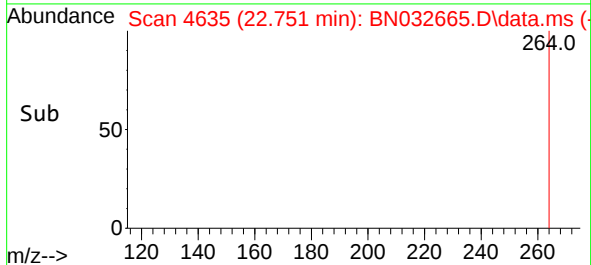
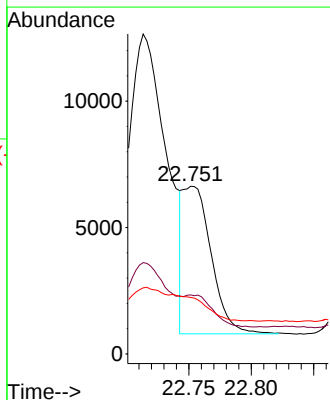
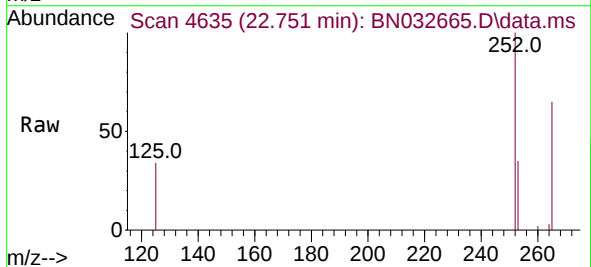
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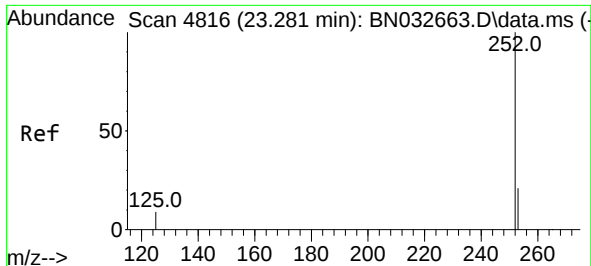
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

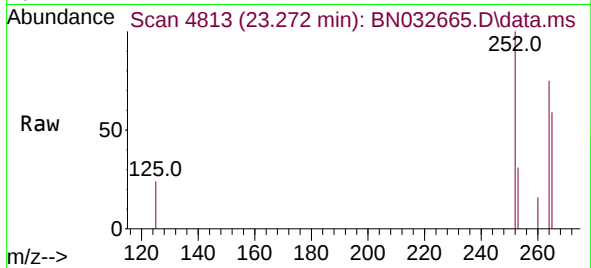
Tgt Ion:252 Resp: 9213
Ion Ratio Lower Upper
252 100
253 35.2 21.2 31.8#
125 33.7 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.441 ng/ul
RT: 23.272 min Scan# 4816
Delta R.T. -0.038 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

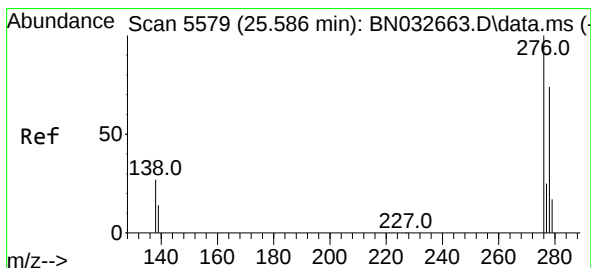
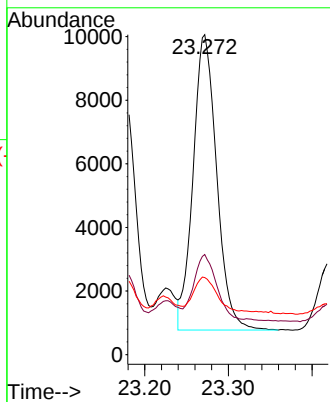
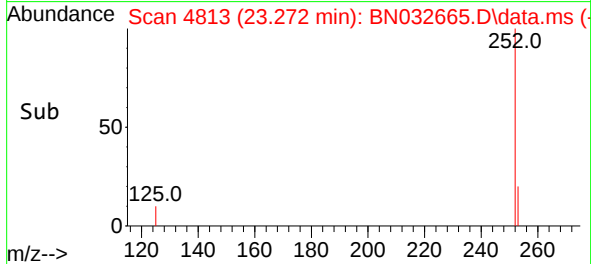
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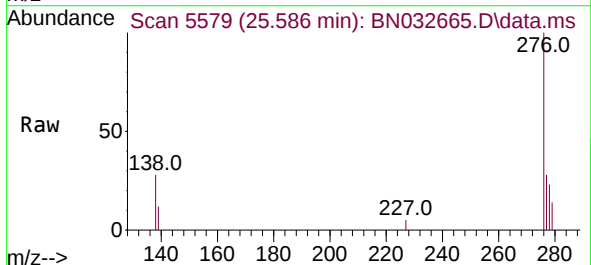
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125 24.1 20.6 30.8

Manual Integrations
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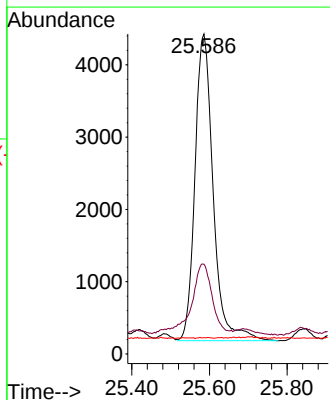
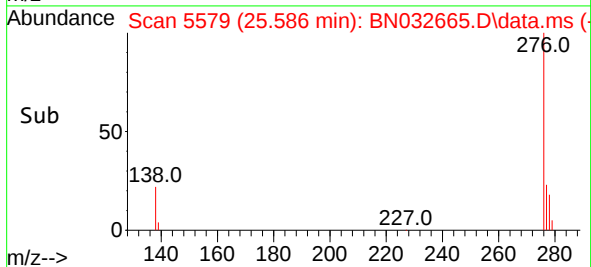
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

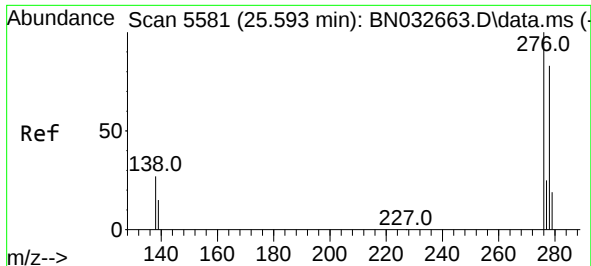


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.248 ng/ul
RT: 25.586 min Scan# 5579
Delta R.T. -0.040 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09



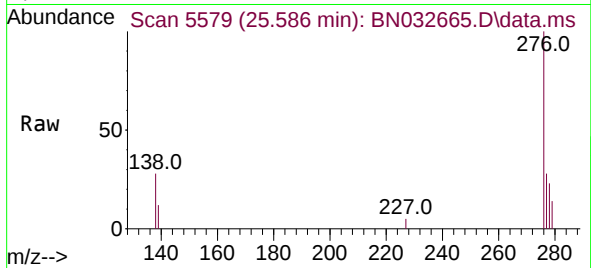
Tgt Ion:276 Resp: 13805
Ion Ratio Lower Upper
276 100
138 26.5 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 25.586 min Scan# 5581
Delta R.T. -0.054 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

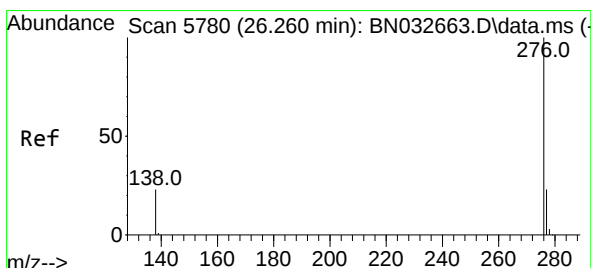
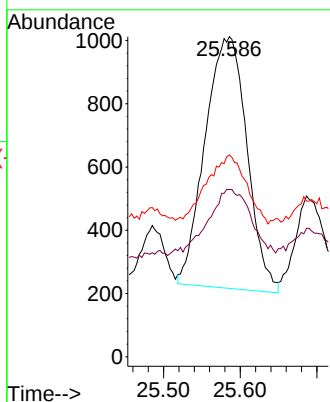
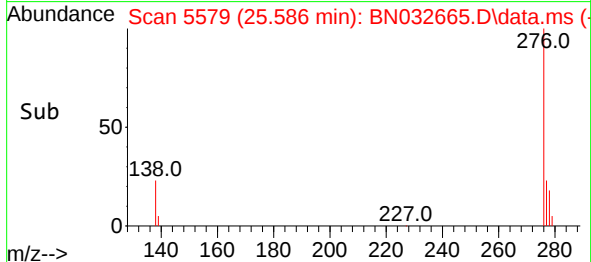
Instrument :
BNA_N
ClientSampleId :
A4CY9



Tgt Ion:278 Resp: 3018
Ion Ratio Lower Upper
278 100
139 52.3 16.6 24.8
279 63.0 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 26.256 min Scan# 5779
Delta R.T. -0.044 min
Lab File: BN032665.D
Acq: 12 Jul 2024 10:09

Tgt Ion:276 Resp: 13811
Ion Ratio Lower Upper
276 100
138 28.5 21.0 31.4
277 28.1 20.6 31.0

