

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025832.D
 Acq On : 14 Jun 2023 08:46
 Operator : MA/JU
 Sample : 02950-02DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW979DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 14 09:24:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	13074	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.813	136	40799	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.634	164	24128	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.380	188	49343	0.400	ng/ul	0.00
17) Chrysene-d12	21.566	240	27296	0.400	ng/ul	0.00
23) Perylene-d12	24.036	264	25013	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	7934	0.617	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.402	152	2150	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.404	212	4808	0.056	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.862	128	2424	0.023	ng/ul#	86
10) Acenaphthylene	14.357	152	6136	0.064	ng/ul#	92
11) Acenaphthene	14.699	153	3536	0.044	ng/ul	97
12) Fluorene	15.680	166	4480	0.051	ng/ul#	94
15) Phenanthrene	17.422	178	13210	0.092	ng/ul#	95
16) Anthracene	17.511	178	8211	0.068	ng/ul#	92
19) Fluoranthene	19.432	202	40942	0.328	ng/ul	98
20) Pyrene	19.795	202	75215	0.582	ng/ul	98
21) Benzo(a)anthracene	21.548	228	28862m	0.332	ng/ul	
22) Chrysene	21.601	228	44639	0.448	ng/ul	96
24) Benzo(b)fluoranthene	23.279	252	23020m	0.225	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	7461m	0.073	ng/ul	
26) Benzo(a)pyrene	23.919	252	22486	0.259	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.613	276	10390	0.105	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.617	278	3503	0.047	ng/ul#	59
29) Benzo(g,h,i)perylene	27.412	276	12000	0.135	ng/ul	97

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

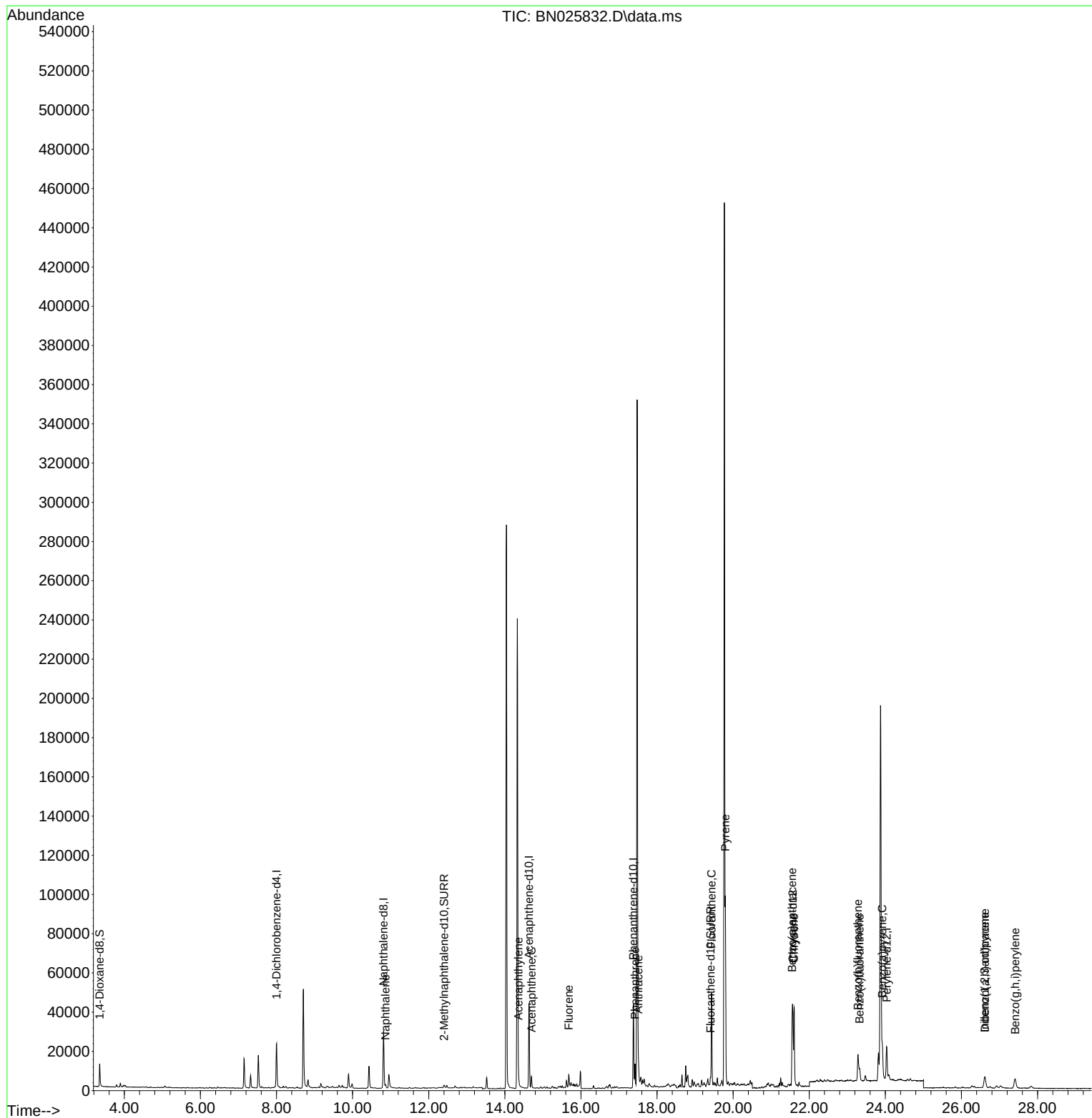
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025832.D
Acq On : 14 Jun 2023 08:46
Operator : MA/JU
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ALS Vial : 38 Sample Multiplier: 1

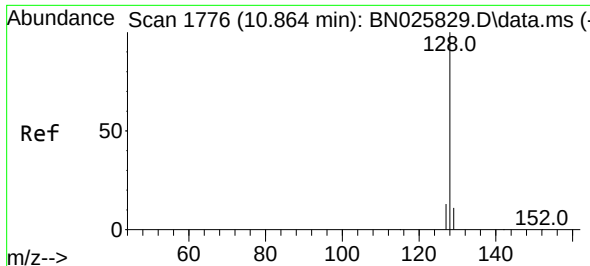
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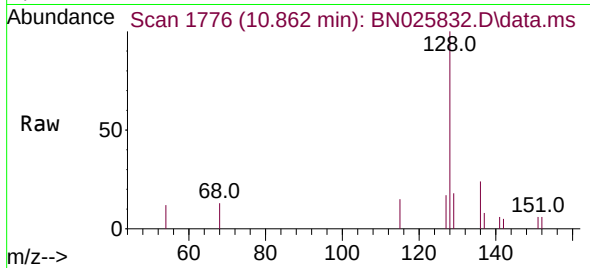
Quant Time: Jun 14 09:24:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.862 min Scan# 1776
Delta R.T. -0.013 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

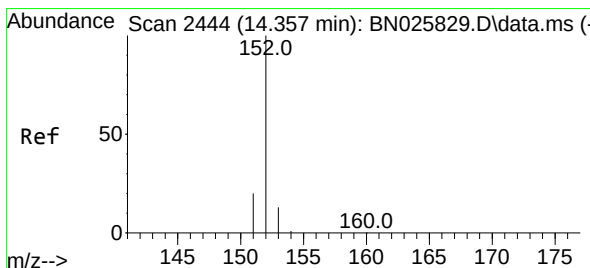
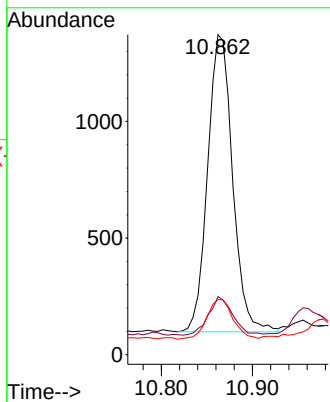
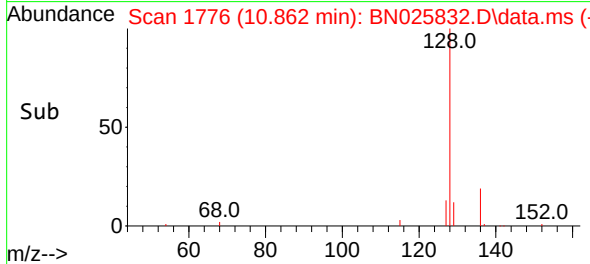
Instrument :
BNA_N
ClientSampleId :
EW979DL



Tgt Ion:128 Resp: 2424
Ion Ratio Lower Upper
128 100
129 18.1 9.1 13.7
127 17.3 10.5 15.7

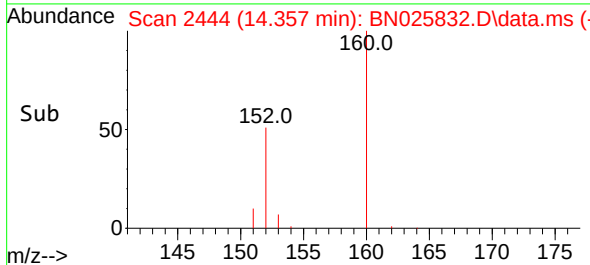
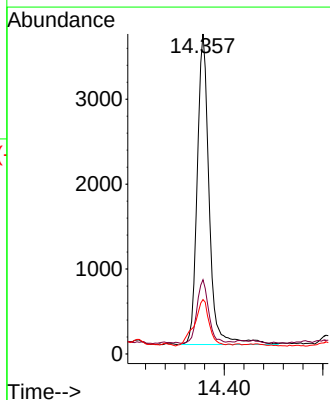
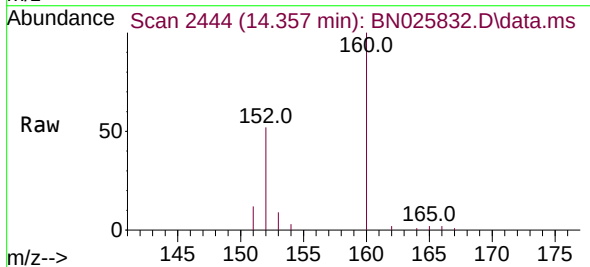
Manual Integrations
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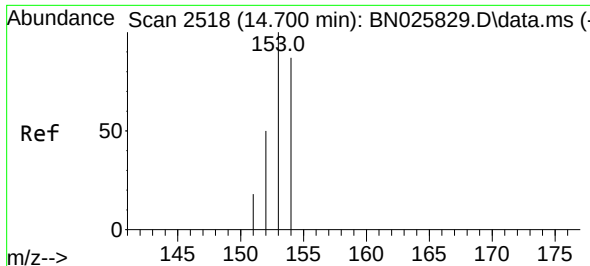
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.357 min Scan# 2444
Delta R.T. -0.009 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

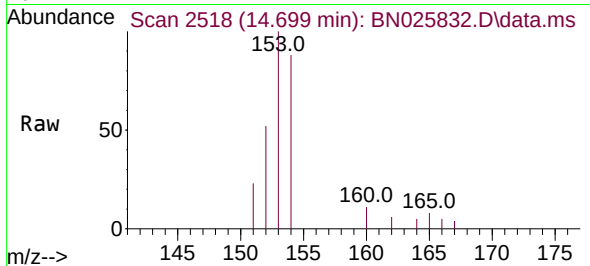
Tgt Ion:152 Resp: 6136
Ion Ratio Lower Upper
152 100
151 23.2 16.0 24.0
153 17.0 10.7 16.1





#11
Acenaphthene
Concen: 0.044 ng/u1
RT: 14.699 min Scan# 218
Delta R.T. -0.005 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

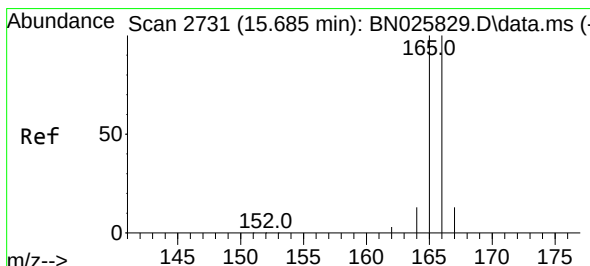
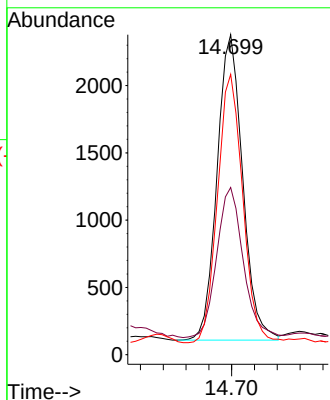
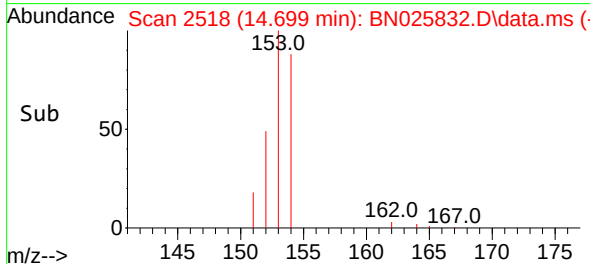
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 3530
Ion Ratio Lower Upper
153 100
152 52.3 39.5 59.3
154 87.6 68.8 103.2

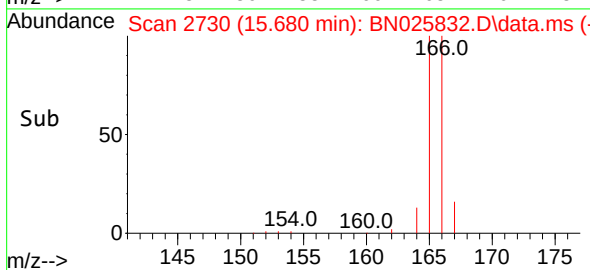
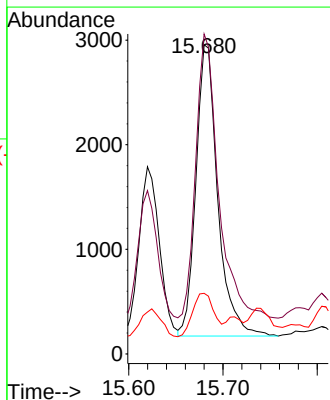
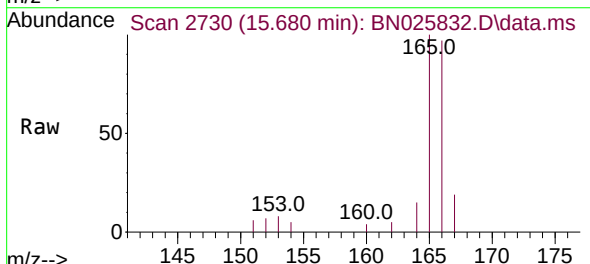
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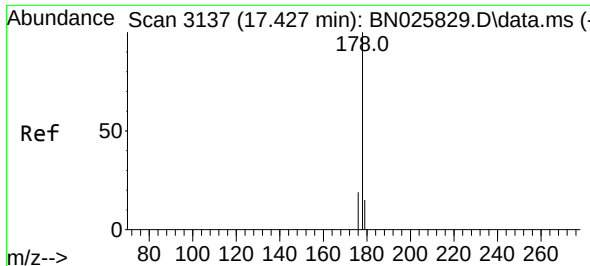
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 0.051 ng/u1
RT: 15.680 min Scan# 2730
Delta R.T. -0.010 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

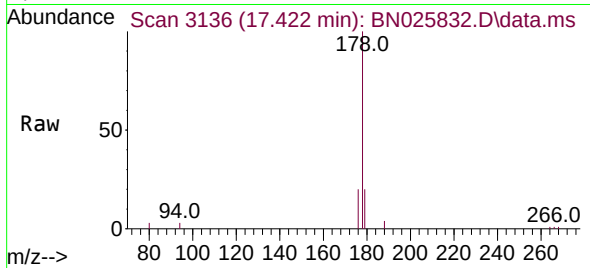
Tgt Ion:166 Resp: 4480
Ion Ratio Lower Upper
166 100
165 103.4 79.2 118.8
167 19.6 11.0 16.6#





#15
Phenanthrene
Concen: 0.092 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

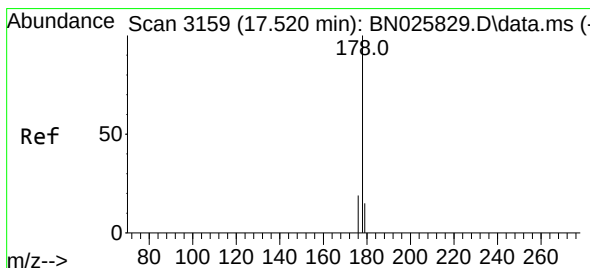
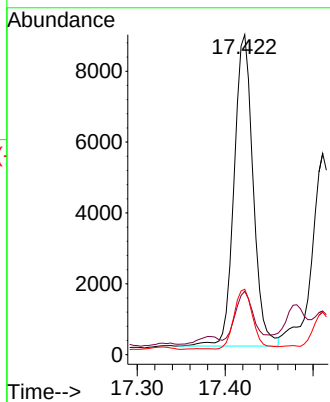
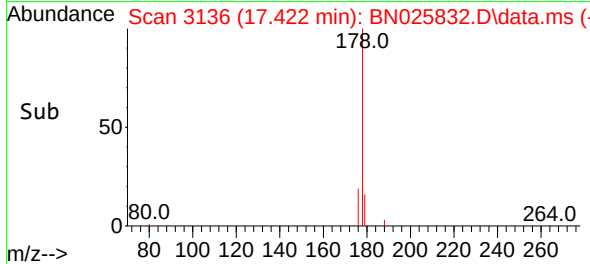
Instrument :
BNA_N
ClientSampleId :
EW979DL



Tgt Ion:178 Resp: 13210
Ion Ratio Lower Upper
178 100
179 19.8 12.6 18.8
176 20.4 15.8 23.8

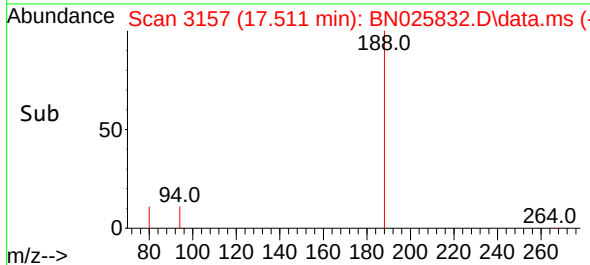
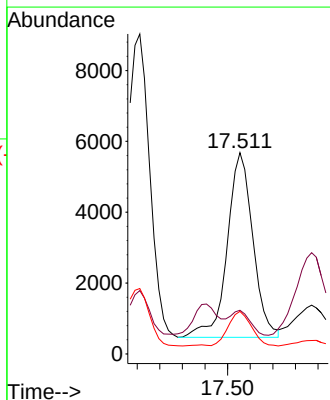
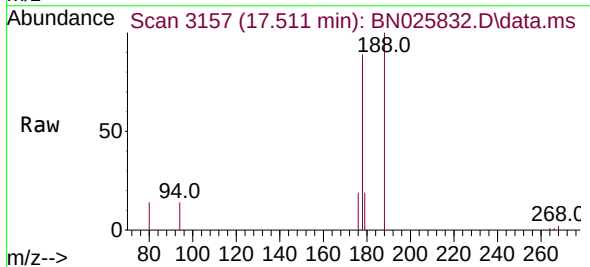
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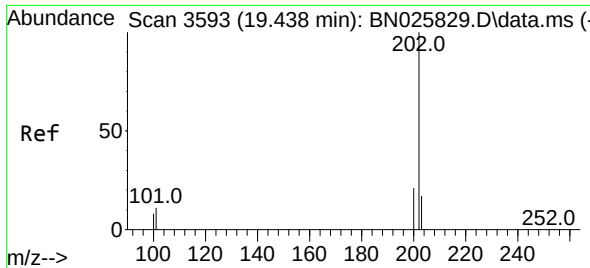
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#16
Anthracene
Concen: 0.068 ng/ul
RT: 17.511 min Scan# 3157
Delta R.T. -0.013 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

Tgt Ion:178 Resp: 8211
Ion Ratio Lower Upper
178 100
179 21.7 12.6 19.0#
176 21.1 15.4 23.2





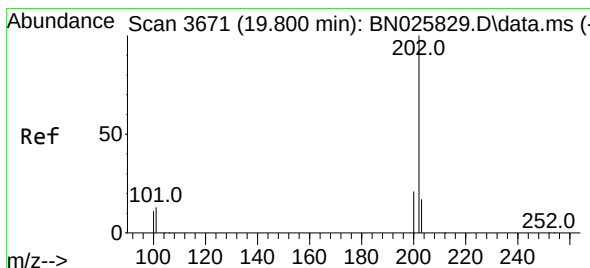
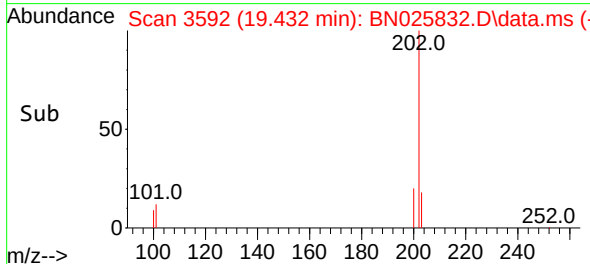
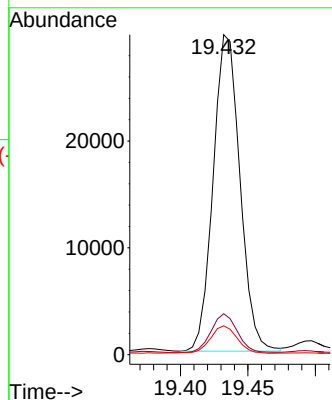
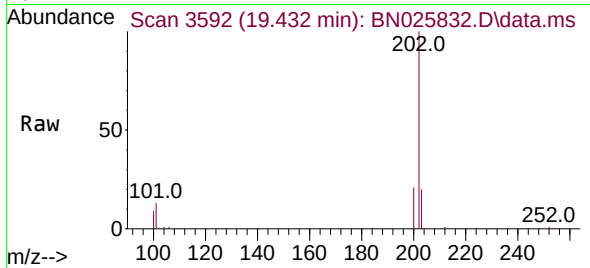
#19
Fluoranthene
Concen: 0.328 ng/u1
RT: 19.432 min Scan# 3592
Delta R.T. -0.010 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

Instrument :
BNA_N
ClientSampleId :
EW979DL

Tgt Ion:202 Resp: 4094
Ion Ratio Lower Upper
202 100
101 12.8 9.1 13.7
100 9.0 7.0 10.6

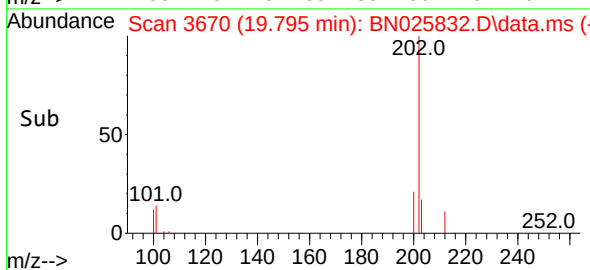
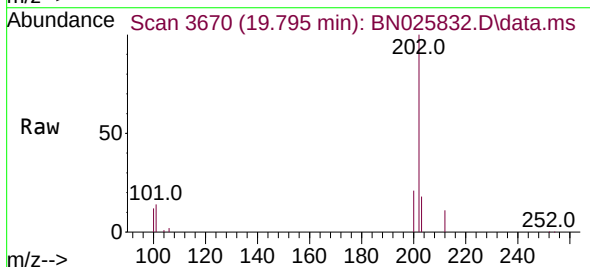
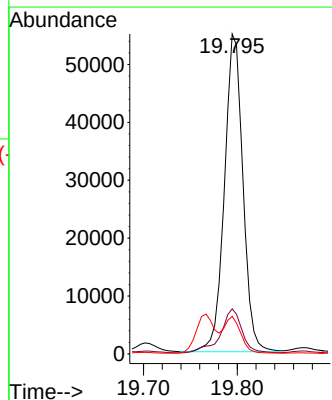
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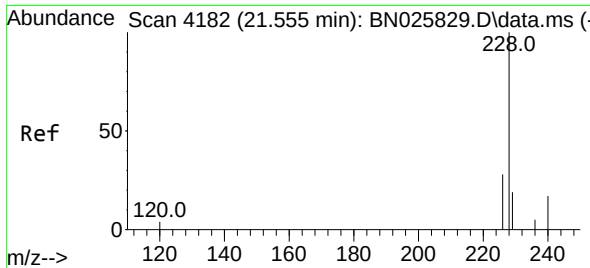
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#20
Pyrene
Concen: 0.582 ng/u1
RT: 19.795 min Scan# 3670
Delta R.T. -0.010 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

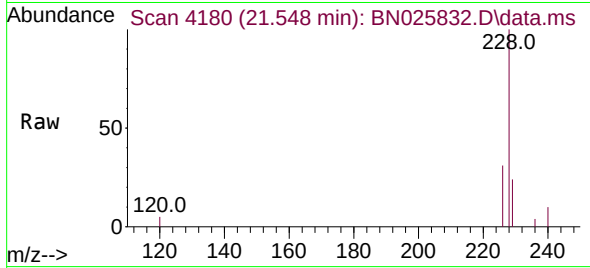
Tgt Ion:202 Resp: 75215
Ion Ratio Lower Upper
202 100
101 14.1 10.4 15.6
100 11.7 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.332 ng/ul m
RT: 21.548 min Scan# 4182
Delta R.T. -0.004 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

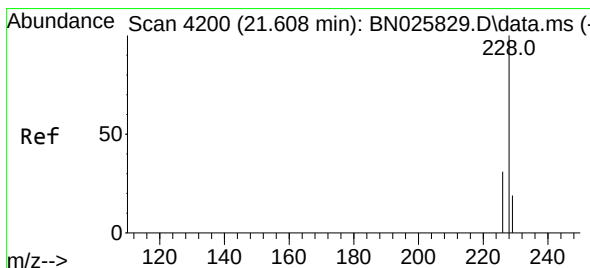
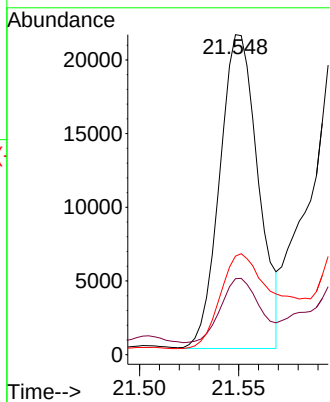
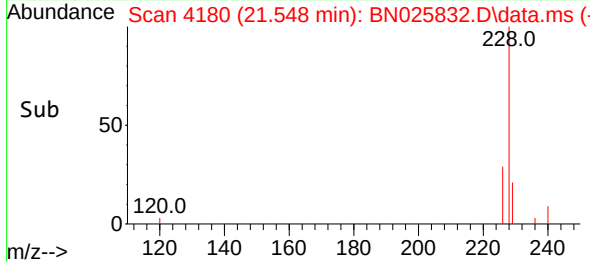
Instrument :
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EW979DL



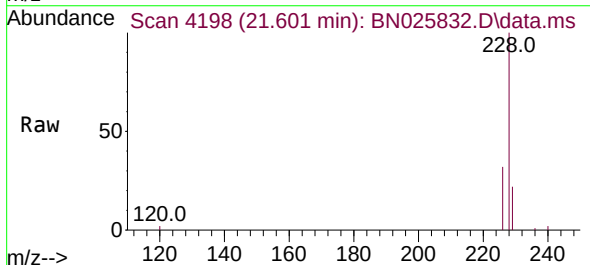
Tgt Ion:228 Resp: 28862
Ion Ratio Lower Upper
228 100
229 23.7 15.5 23.3
226 30.8 22.0 33.0

Manual Integrations
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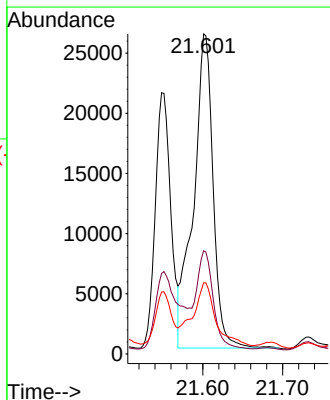
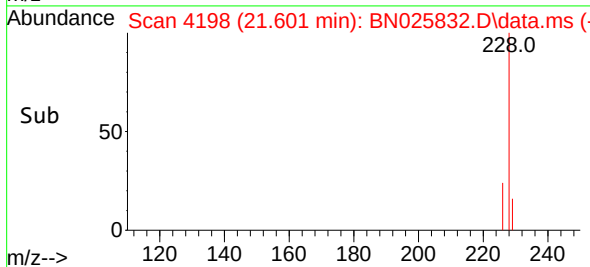
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

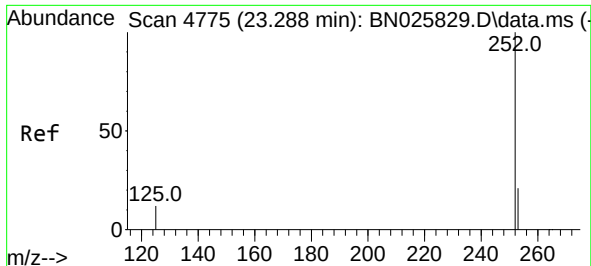


#22
Chrysene
Concen: 0.448 ng/ul
RT: 21.601 min Scan# 4198
Delta R.T. -0.007 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46



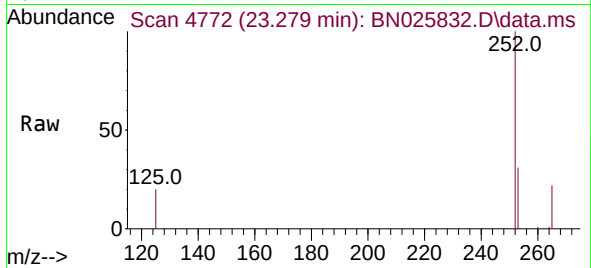
Tgt Ion:228 Resp: 44639
Ion Ratio Lower Upper
228 100
226 32.2 24.7 37.1
229 22.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.225 ng/ul m
RT: 23.279 min Scan# 4772
Delta R.T. -0.012 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

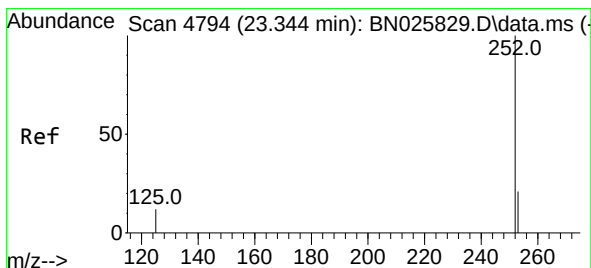
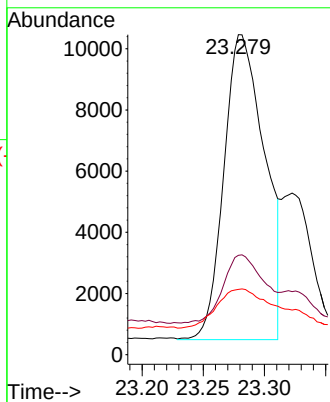
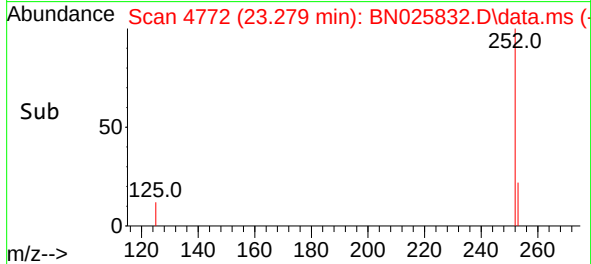
Instrument :
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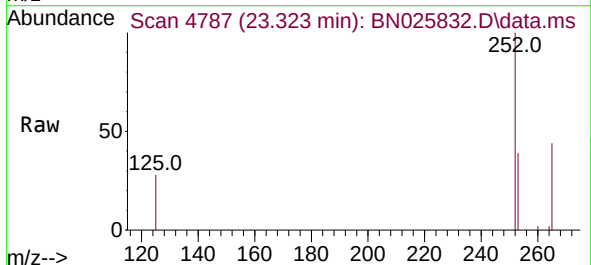
Tgt Ion:252 Resp: 23020
Ion Ratio Lower Upper
252 100
253 31.0 0.0 56.0
125 20.4 0.0 28.0

Manual Integrations
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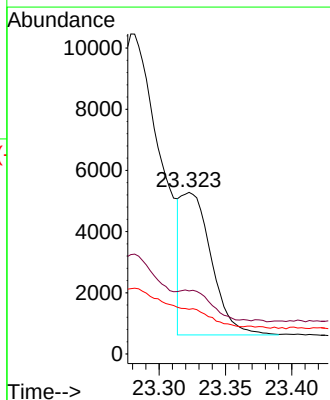
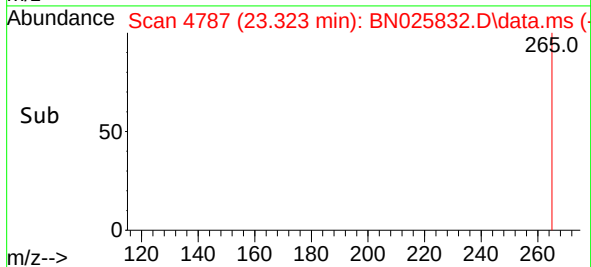
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

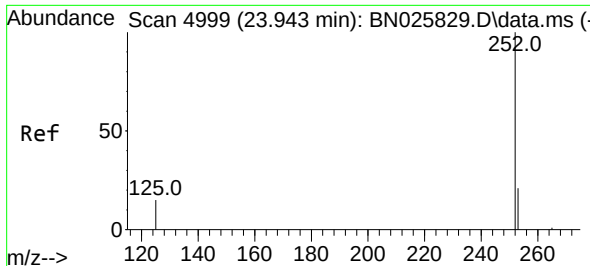


#25
Benzo(k)fluoranthene
Concen: 0.073 ng/ul m
RT: 23.323 min Scan# 4787
Delta R.T. -0.018 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46



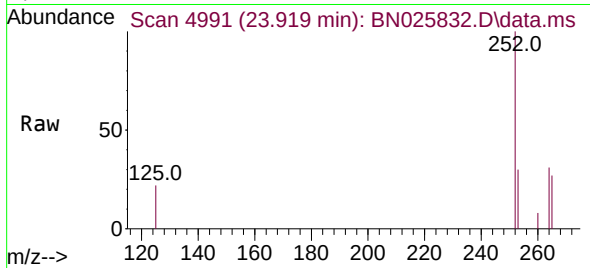
Tgt Ion:252 Resp: 7461
Ion Ratio Lower Upper
252 100
253 39.0 23.3 34.9#
125 27.6 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 0.259 ng/ul
RT: 23.919 min Scan# 4999
Delta R.T. -0.024 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

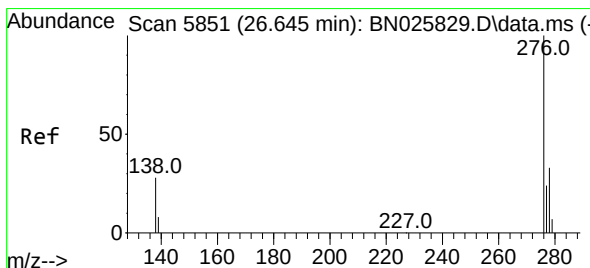
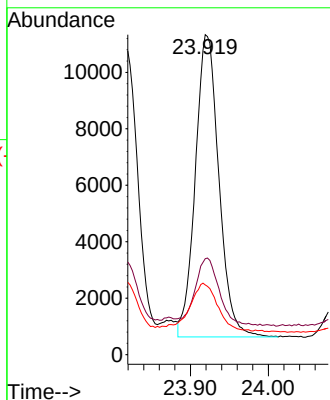
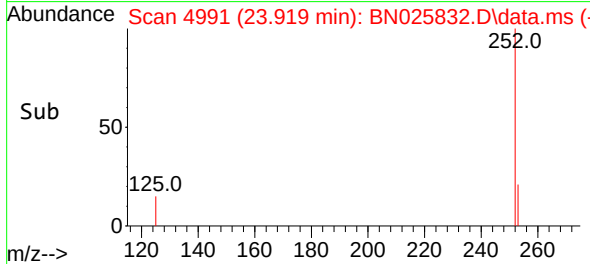
Instrument :
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EW979DL



Tgt Ion:252 Resp: 22480
Ion Ratio Lower Upper
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253 30.0 25.8 38.8
125 21.8 13.5 20.3

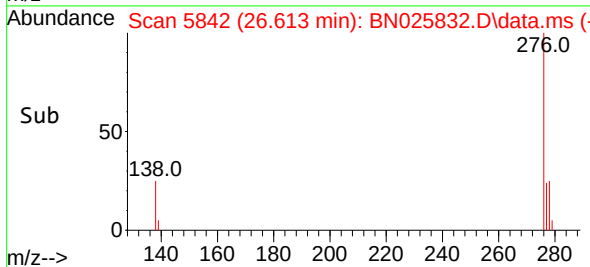
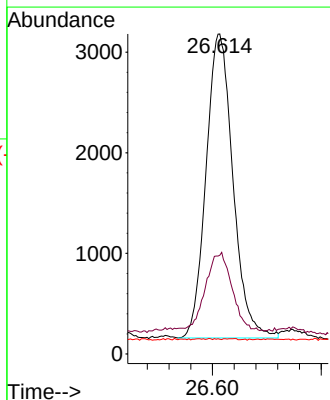
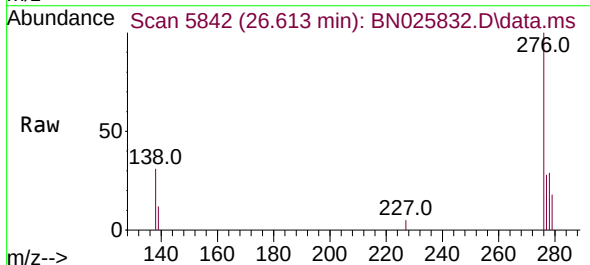
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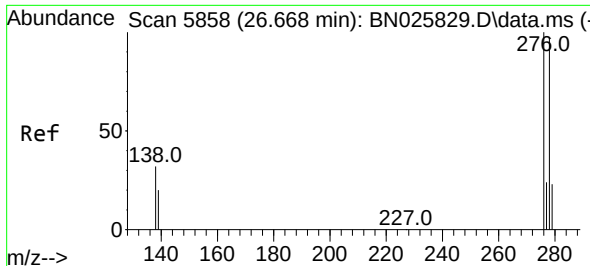
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 26.613 min Scan# 5842
Delta R.T. -0.045 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

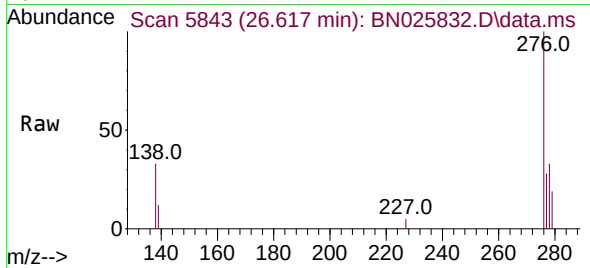
Tgt Ion:276 Resp: 10390
Ion Ratio Lower Upper
276 100
138 27.7 24.6 36.8
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 26.617 min Scan# 5843
Delta R.T. -0.068 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46

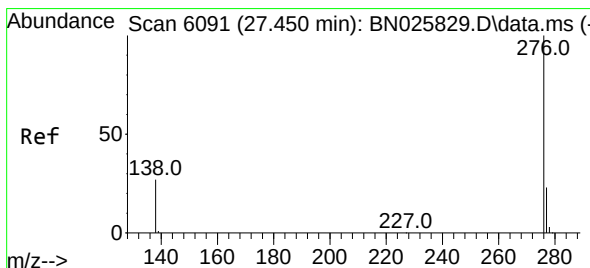
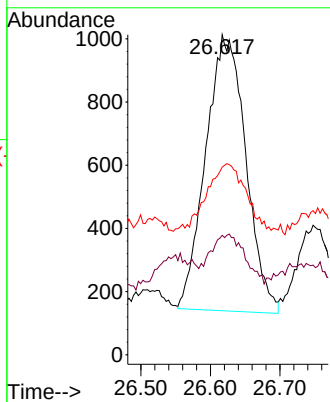
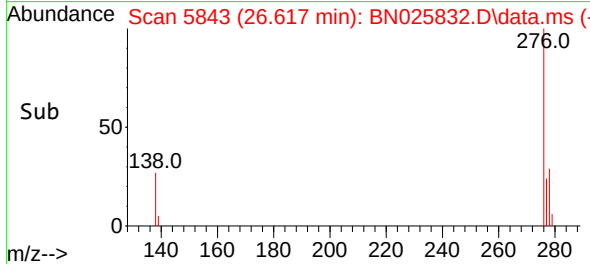
Instrument :
BNA_N
ClientSampleId :
EW979DL



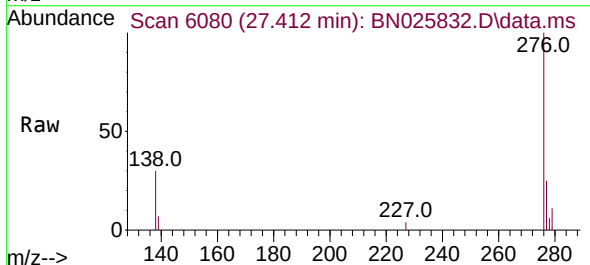
Tgt Ion:278 Resp: 350
Ion Ratio Lower Upper
278 100
139 37.3 17.9 26.9
279 58.6 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#29
Benzo(g,h,i)perylene
Concen: 0.135 ng/ul
RT: 27.412 min Scan# 6080
Delta R.T. -0.037 min
Lab File: BN025832.D
Acq: 14 Jun 2023 08:46



Tgt Ion:276 Resp: 12000
Ion Ratio Lower Upper
276 100
138 29.6 21.8 32.8
277 24.7 19.4 29.2

