

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025841.D
 Acq On : 14 Jun 2023 14:13
 Operator : MA/JU
 Sample : 02950-02DL 5X
 Misc :
 ALS Vial : 48 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 19:15:35 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 : Wed Jun 14 19:13:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5114	0.400	ng/ul	0.00
4) Naphthalene-d8	10.814	136	15819	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.640	164	9315	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	20006	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	13964	0.400	ng/ul	0.00
23) Perylene-d12	24.046	264	10689	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	4736	0.942	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	1232	0.061	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	3164	0.072	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.864	128	1418	0.035	ng/ul#	81
7) 2-Methylnaphthalene	12.480	142	572	0.024	ng/ul	97
10) Acenaphthylene	14.358	152	3943	0.107	ng/ul#	91
11) Acenaphthene	14.700	153	1914	0.062	ng/ul	98
12) Fluorene	15.681	166	2579	0.075	ng/ul#	92
15) Phenanthrene	17.424	178	7229	0.124	ng/ul#	93
16) Anthracene	17.512	178	4915	0.100	ng/ul#	91
19) Fluoranthene	19.434	202	27428	0.429	ng/ul	98
20) Pyrene	19.796	202	52421	0.793	ng/ul	97
21) Benzo(a)anthracene	21.547	228	21810m	0.490	ng/ul	
22) Chrysene	21.600	228	33515	0.658	ng/ul	97
24) Benzo(b)fluoranthene	23.283	252	17508m	0.400	ng/ul	
25) Benzo(k)fluoranthene	23.330	252	5319m	0.121	ng/ul	
26) Benzo(a)pyrene	23.935	252	15676	0.423	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.652	276	6525	0.154	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.662	278	2197	0.069	ng/ul#	48
29) Benzo(g,h,i)perylene	27.450	276	7516	0.198	ng/ul	93

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

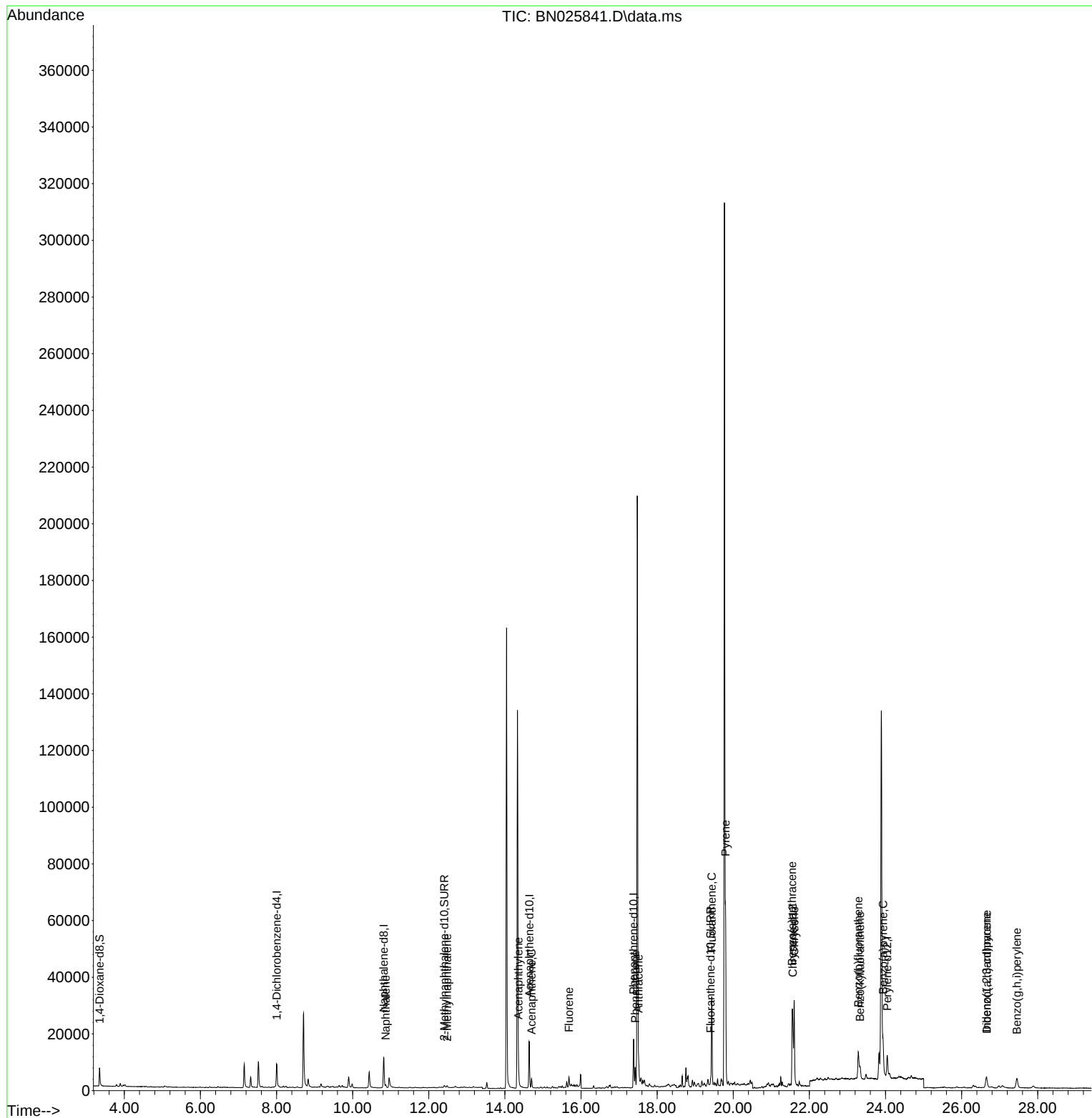
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025841.D
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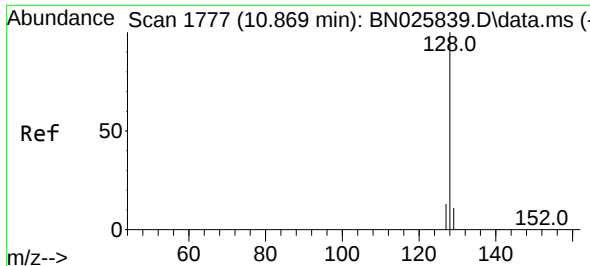
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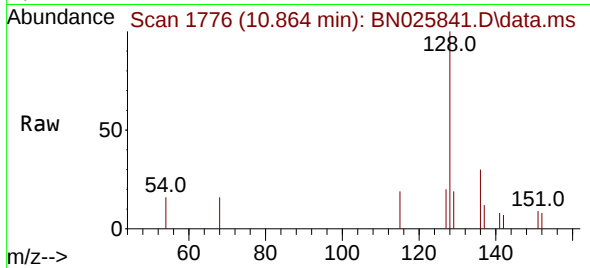
Quant Time: Jun 14 19:15:35 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 14 19:13:59 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.864 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

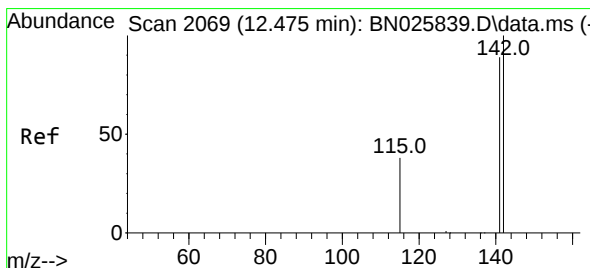
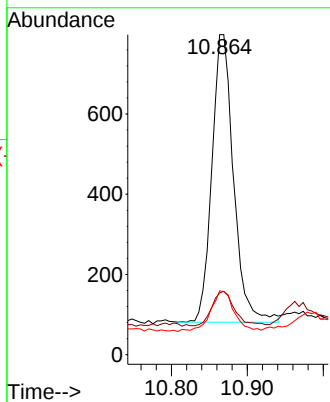
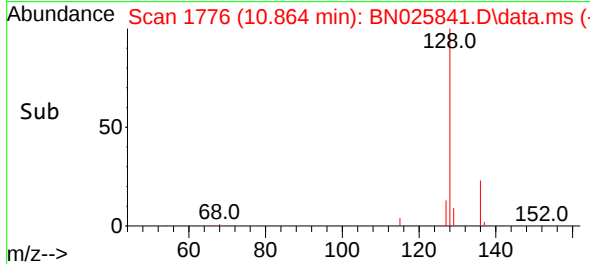
Instrument :
BNA_N
ClientSampleId :
EW979DL



Tgt Ion:128 Resp: 1418
Ion Ratio Lower Upper
128 100
129 19.3 9.1 13.7
127 19.9 10.5 15.7

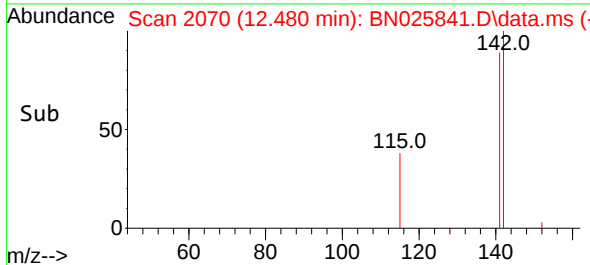
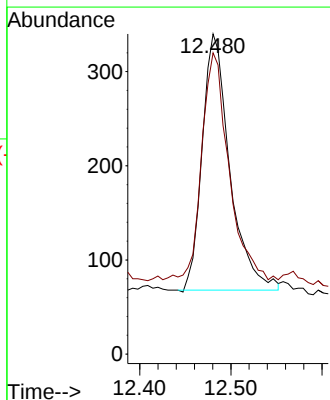
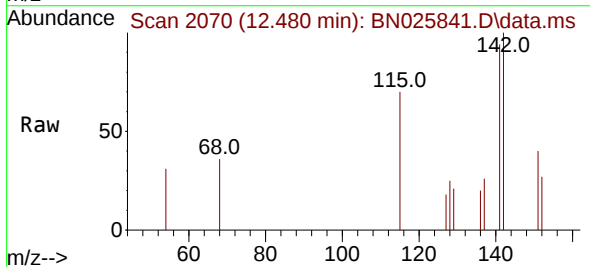
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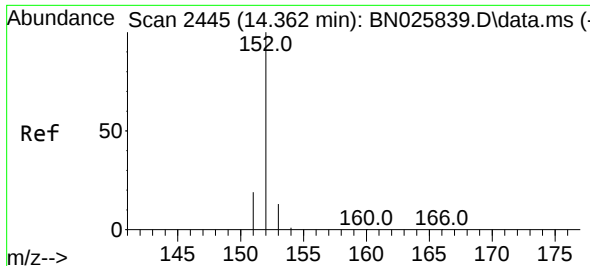
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.480 min Scan# 2070
Delta R.T. 0.005 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

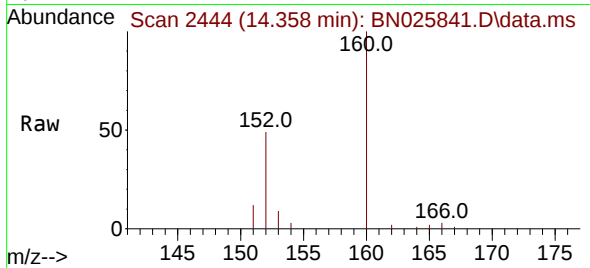
Tgt Ion:142 Resp: 572
Ion Ratio Lower Upper
142 100
141 86.5 71.4 107.2





#10
Acenaphthylene
Concen: 0.107 ng/ul
RT: 14.358 min Scan# 2444
Delta R.T. -0.004 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

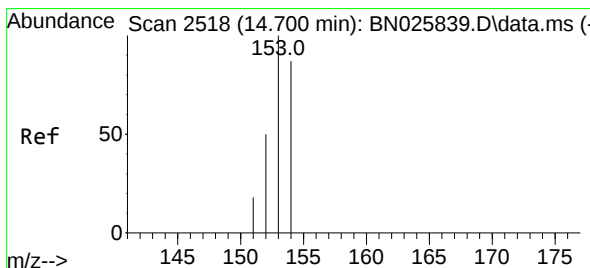
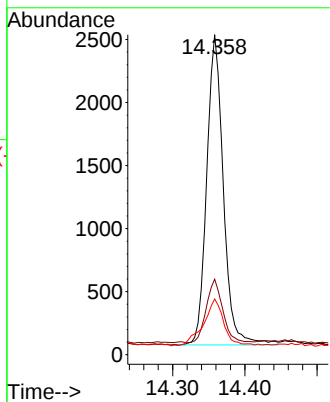
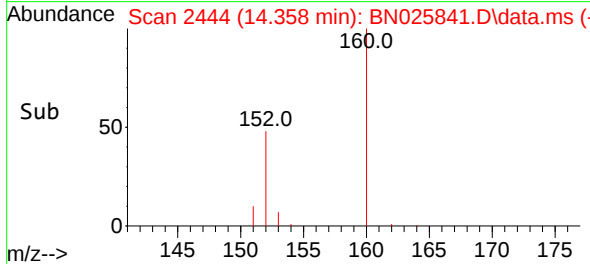
Instrument :
BNA_N
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Tgt Ion:152 Resp: 394
Ion Ratio Lower Upper
152 100
151 23.6 16.0 24.0
153 17.4 10.7 16.1

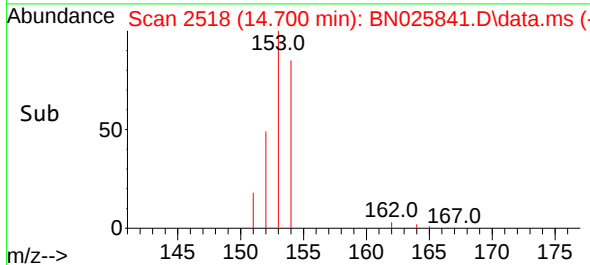
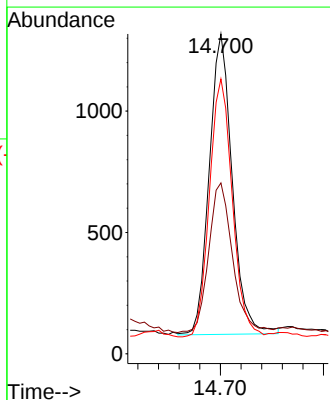
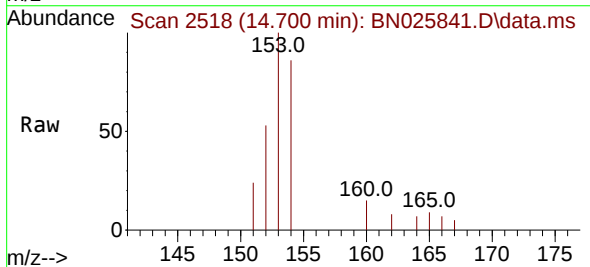
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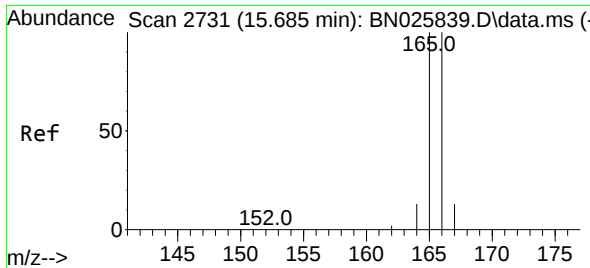
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#11
Acenaphthene
Concen: 0.062 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. 0.001 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

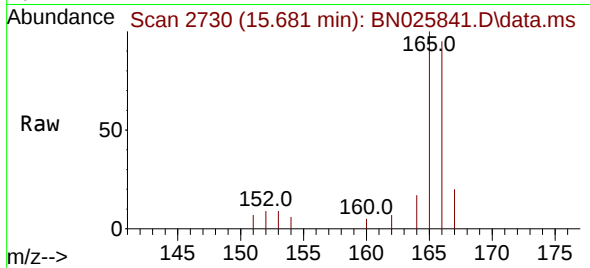
Tgt Ion:153 Resp: 1914
Ion Ratio Lower Upper
153 100
152 53.4 39.5 59.3
154 86.0 68.8 103.2





#12
Fluorene
Concen: 0.075 ng/u1
RT: 15.681 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

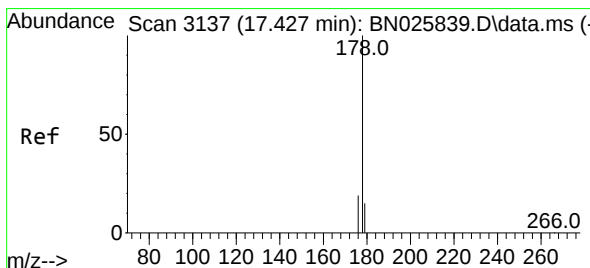
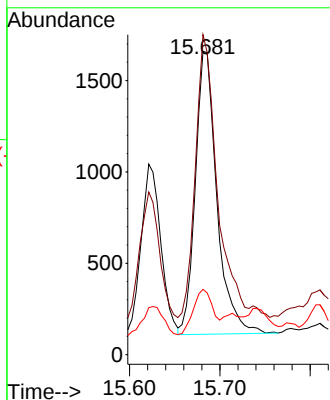
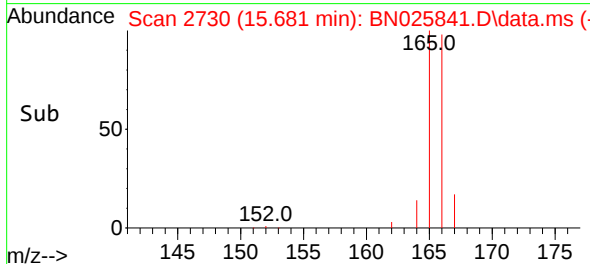
Instrument :
BNA_N
ClientSampleId :
EW979DL



Tgt Ion:166 Resp: 2579
Ion Ratio Lower Upper
166 100
165 105.5 79.2 118.8
167 21.5 11.0 16.6

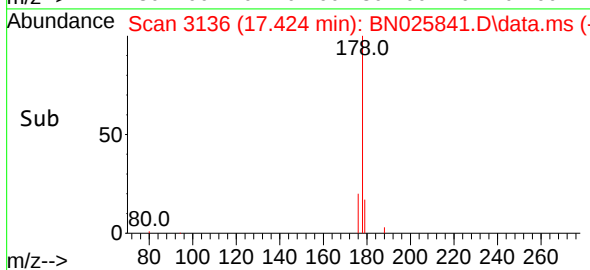
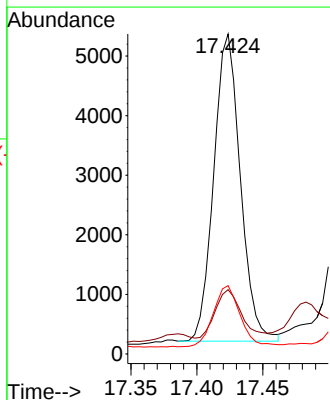
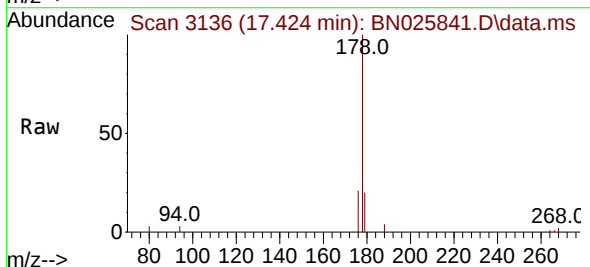
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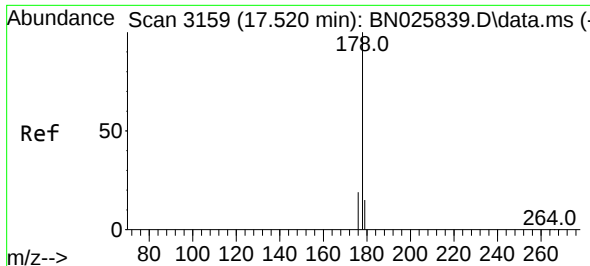
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#15
Phenanthrene
Concen: 0.124 ng/u1
RT: 17.424 min Scan# 3136
Delta R.T. -0.003 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

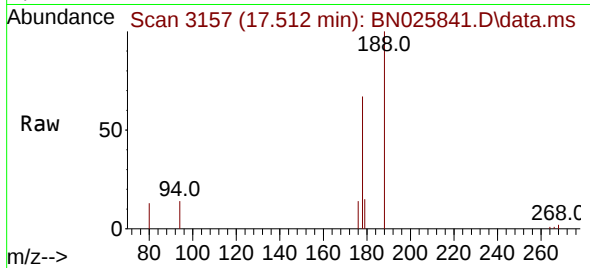
Tgt Ion:178 Resp: 7229
Ion Ratio Lower Upper
178 100
179 20.1 12.6 18.8#
176 21.3 15.8 23.8





#16
 Anthracene
 Concen: 0.100 ng/ul
 RT: 17.512 min Scan# 3157
 Delta R.T. -0.008 min
 Lab File: BN025841.D
 Acq: 14 Jun 2023 14:13

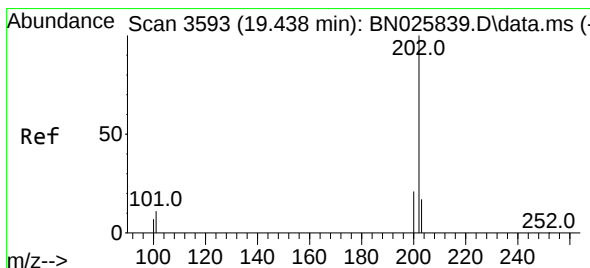
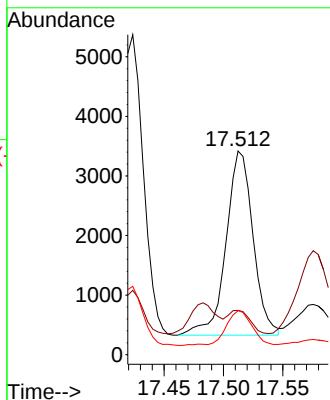
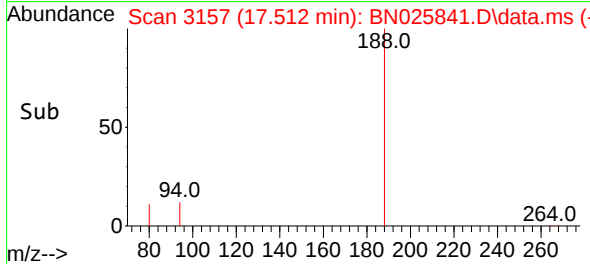
Instrument :
 BNA_N
 ClientSampleId :
 EW979DL



Tgt Ion:178 Resp: 4915
 Ion Ratio Lower Upper
 178 100
 179 21.7 12.6 19.0
 176 21.7 15.4 23.2

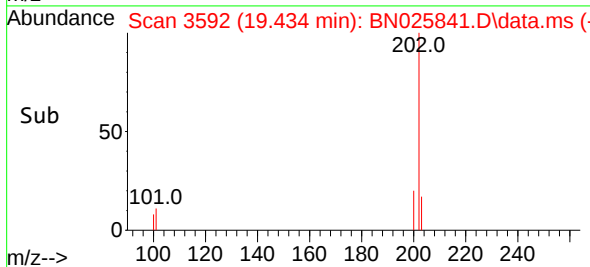
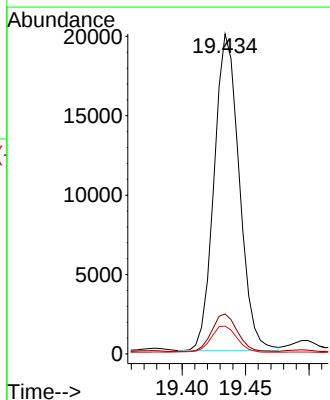
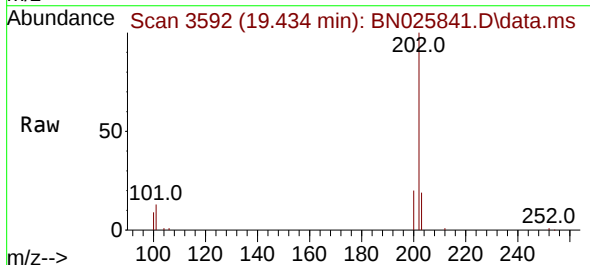
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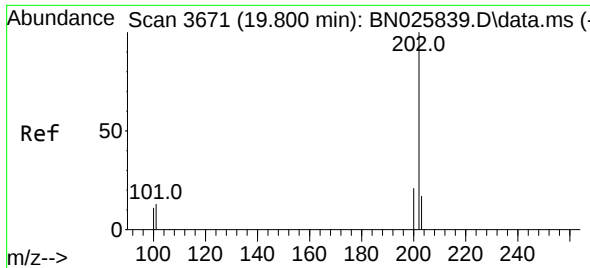
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023



#19
 Fluoranthene
 Concen: 0.429 ng/ul
 RT: 19.434 min Scan# 3592
 Delta R.T. -0.004 min
 Lab File: BN025841.D
 Acq: 14 Jun 2023 14:13

Tgt Ion:202 Resp: 27428
 Ion Ratio Lower Upper
 202 100
 101 12.5 9.1 13.7
 100 8.7 7.0 10.6





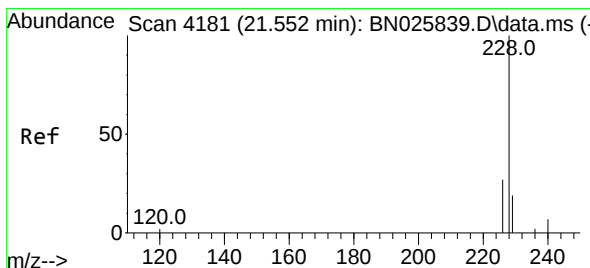
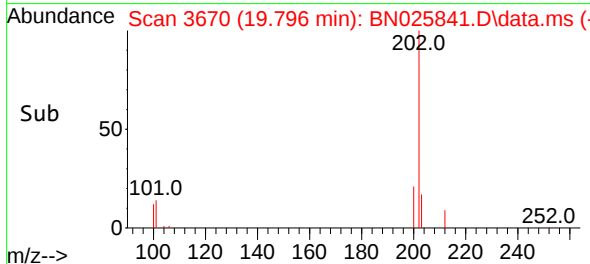
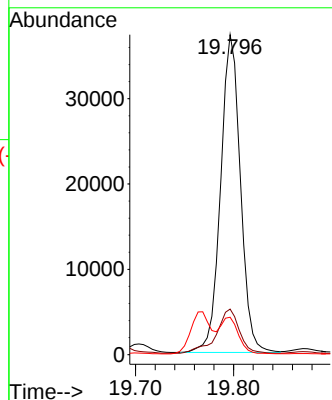
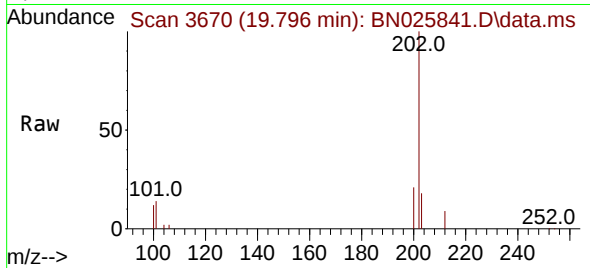
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Pyrene
Concen: 0.793 ng/ul
RT: 19.796 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

Instrument :
BNA_N
ClientSampleId :
EW979DL

Tgt Ion:202 Resp: 5242
Ion Ratio Lower Upper
202 100
101 14.3 10.4 15.6
100 11.7 8.8 13.2

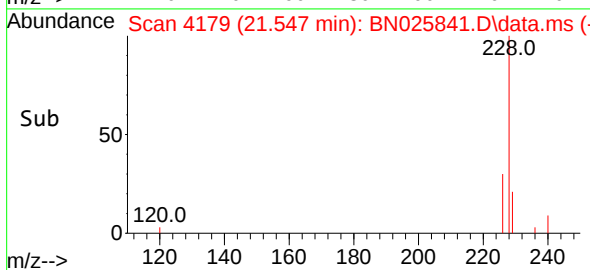
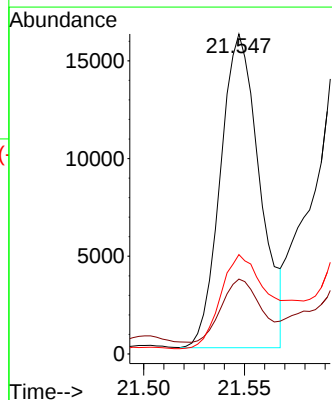
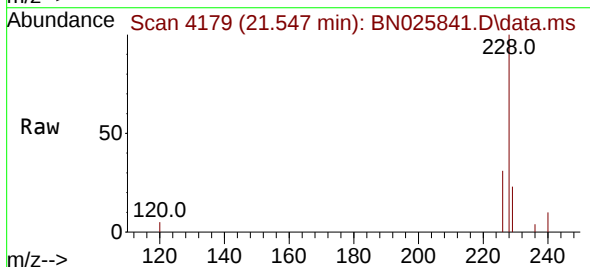
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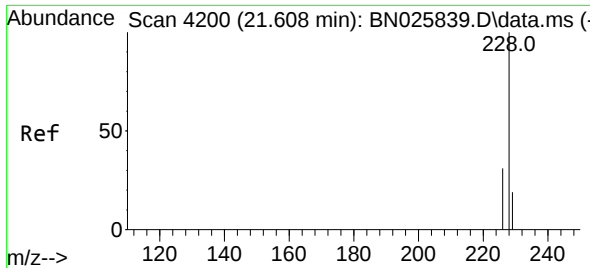
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#21
Benzo(a)anthracene
Concen: 0.490 ng/ul m
RT: 21.547 min Scan# 4179
Delta R.T. -0.005 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

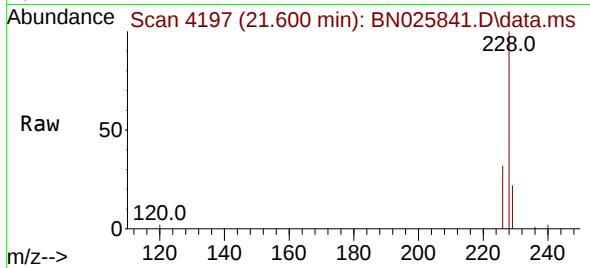
Tgt Ion:228 Resp: 21810
Ion Ratio Lower Upper
228 100
229 23.4 15.5 23.3#
226 31.1 22.0 33.0





#22
Chrysene
Concen: 0.658 ng/ul
RT: 21.600 min Scan# 4197
Delta R.T. -0.008 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

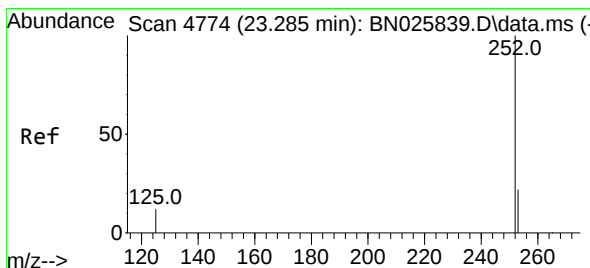
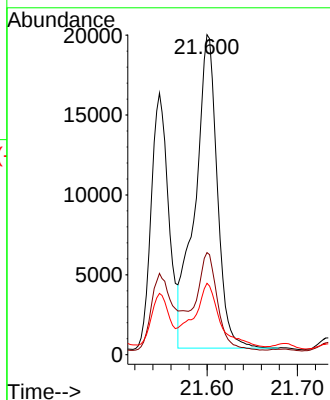
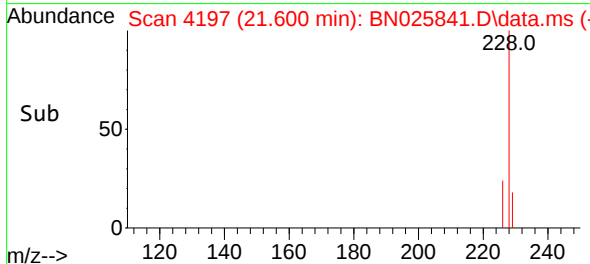
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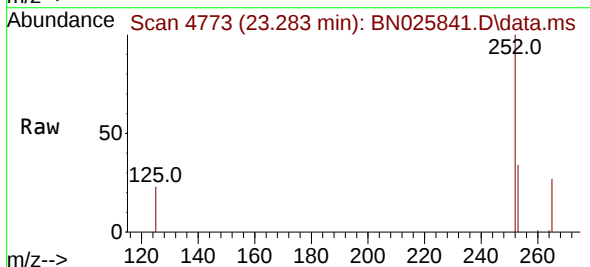
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Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 22.3 15.7 23.5

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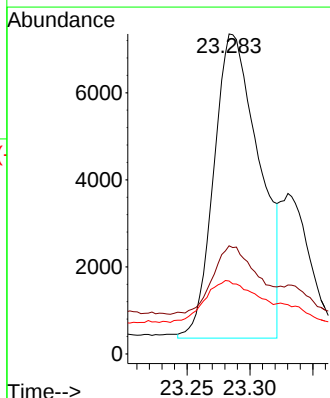
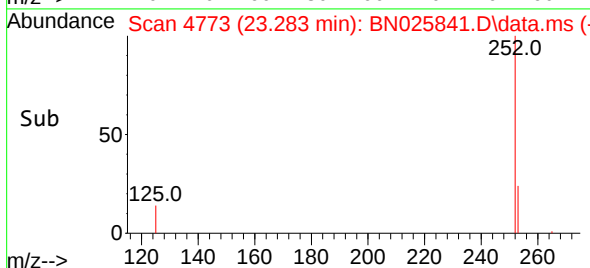
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

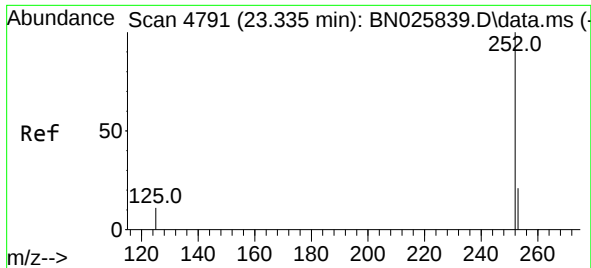


#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. -0.002 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13



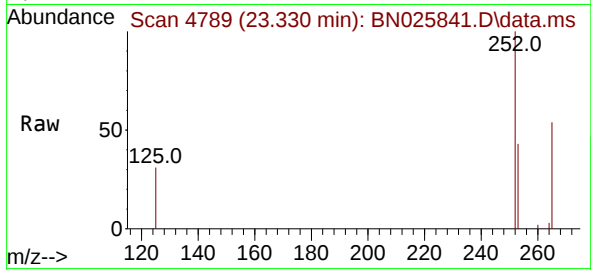
Tgt Ion:252 Resp: 17508
Ion Ratio Lower Upper
252 100
253 33.8 0.0 56.0
125 22.8 0.0 28.0





#25
Benzo(k)fluoranthene
Concen: 0.121 ng/ul m
RT: 23.330 min Scan# 4791
Delta R.T. -0.005 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

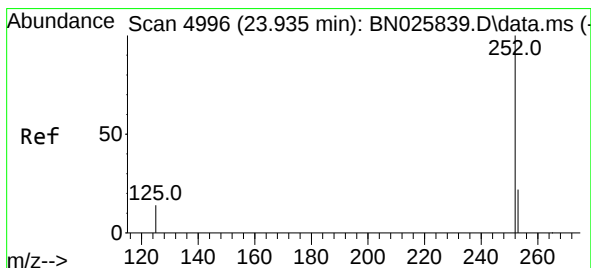
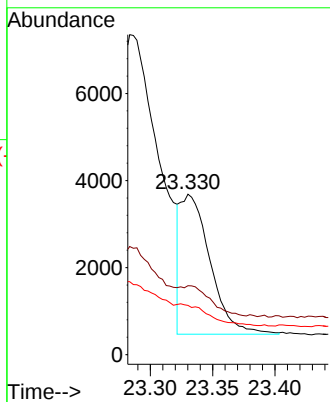
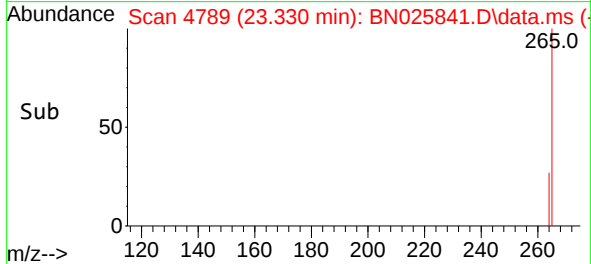
Instrument :
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EW979DL



Tgt Ion:252 Resp: 5319
Ion Ratio Lower Upper
252 100
253 43.0 23.3 34.9
125 30.7 11.6 17.4

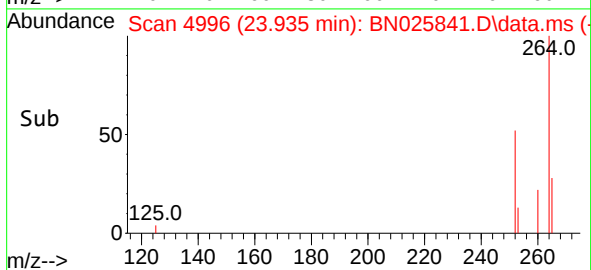
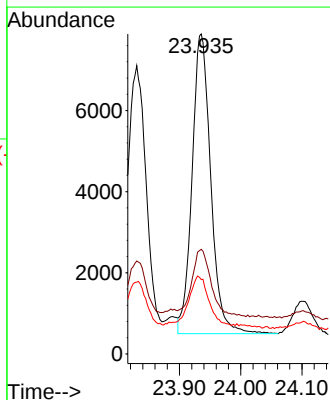
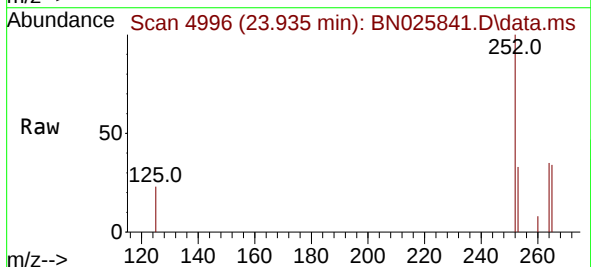
Manual Integrations
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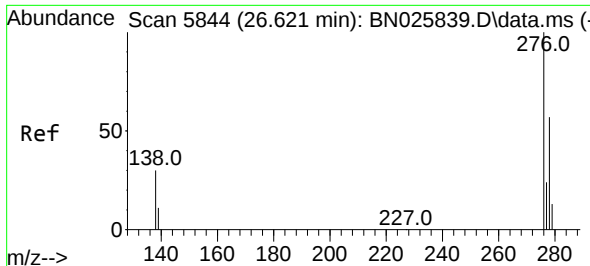
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#26
Benzo(a)pyrene
Concen: 0.423 ng/ul
RT: 23.935 min Scan# 4996
Delta R.T. 0.001 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

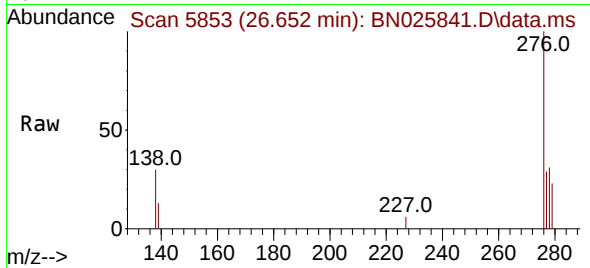
Tgt Ion:252 Resp: 15676
Ion Ratio Lower Upper
252 100
253 32.7 25.8 38.8
125 23.3 13.5 20.3





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.154 ng/ul
RT: 26.652 min Scan# 5853
Delta R.T. 0.031 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13

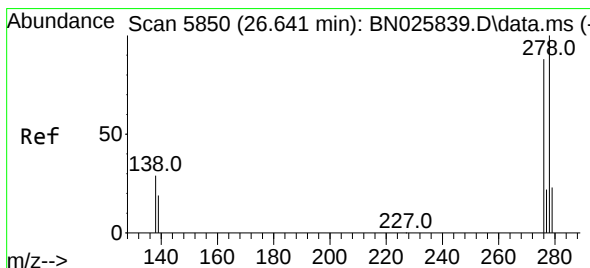
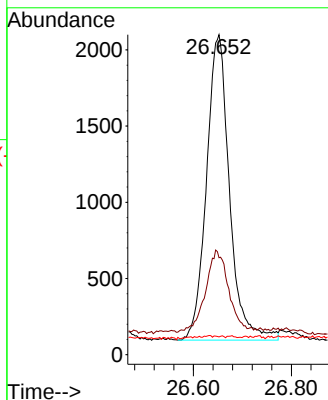
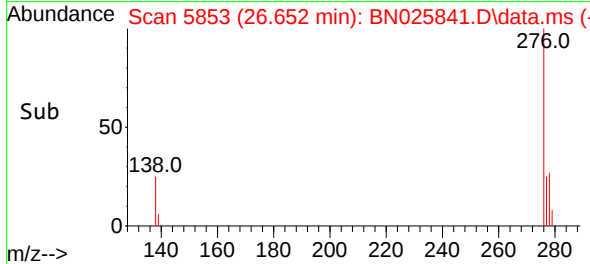
Instrument :
BNA_N
ClientSampleId :
EW979DL



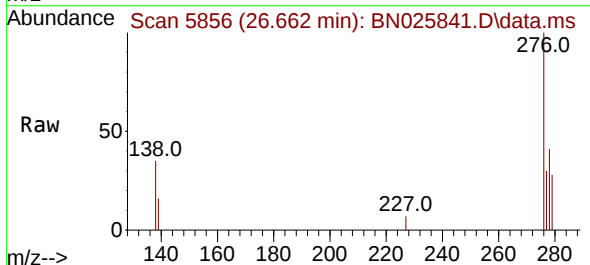
Tgt Ion:276 Resp: 652
Ion Ratio Lower Upper
276 100
138 27.5 24.6 36.8
227 0.0 0.0 0.0

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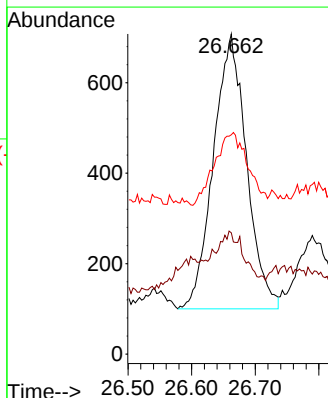
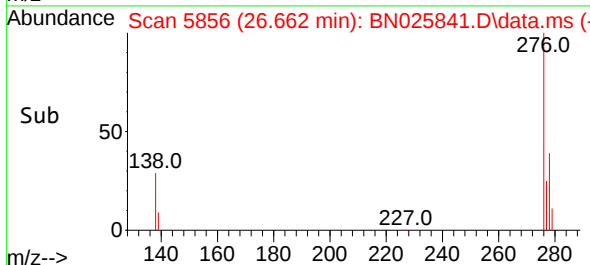
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

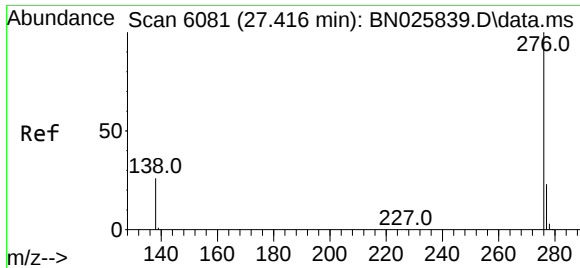


#28
Dibenzo(a,h)anthracene
Concen: 0.069 ng/ul
RT: 26.662 min Scan# 5856
Delta R.T. 0.021 min
Lab File: BN025841.D
Acq: 14 Jun 2023 14:13



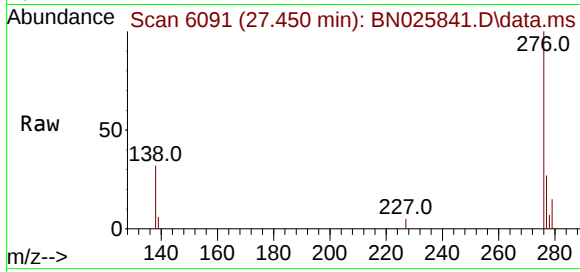
Tgt Ion:278 Resp: 2197
Ion Ratio Lower Upper
278 100
139 37.9 17.9 26.9#
279 68.5 25.3 37.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.198 ng/ul
 RT: 27.450 min Scan# 6091
 Delta R.T. 0.034 min
 Lab File: BN025841.D
 Acq: 14 Jun 2023 14:13

Instrument :
 BNA_N
 ClientSampleId :
 EW979DL



Tgt Ion: 276 Resp: 7510

Ion	Ratio	Lower	Upper
276	100		
138	31.8	21.8	32.8
277	27.2	19.4	29.2

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

