

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025815.D
 Acq On : 13 Jun 2023 20:59
 Operator : MA/JU
 Sample : 02950-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW982

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 23:49:42 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	8.005	152	7438	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	22871	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	13661	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	28198	0.400	ng/ul	0.00
17) Chrysene-d12	21.561	240	15452	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	14693	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	17179	2.349	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	4753	0.164	ng/ul	0.00
18) Fluoranthene-d10	19.405	212	10688	0.219	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.869	128	1893	0.033	ng/ul#	87
7) 2-Methylnaphthalene	12.480	142	885	0.025	ng/ul	100
10) Acenaphthylene	14.357	152	4155	0.077	ng/ul#	91
11) Acenaphthene	14.700	153	4036	0.090	ng/ul	98
12) Fluorene	15.685	166	1369	0.027	ng/ul#	86
15) Phenanthrene	17.423	178	8155	0.099	ng/ul#	95
16) Anthracene	17.516	178	9684	0.139	ng/ul	95
19) Fluoranthene	19.438	202	38711	0.548	ng/ul	99
20) Pyrene	19.796	202	55653m	0.761	ng/ul	
21) Benzo(a)anthracene	21.546	228	17174m	0.349	ng/ul	
22) Chrysene	21.599	228	22516	0.400	ng/ul	96
24) Benzo(b)fluoranthene	23.274	252	13720m	0.228	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	3448m	0.057	ng/ul	
26) Benzo(a)pyrene	23.914	252	11710	0.230	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.601	276	6034	0.104	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.614	278	1895	0.043	ng/ul#	27
29) Benzo(g,h,i)perylene	27.399	276	6687	0.128	ng/ul	92

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

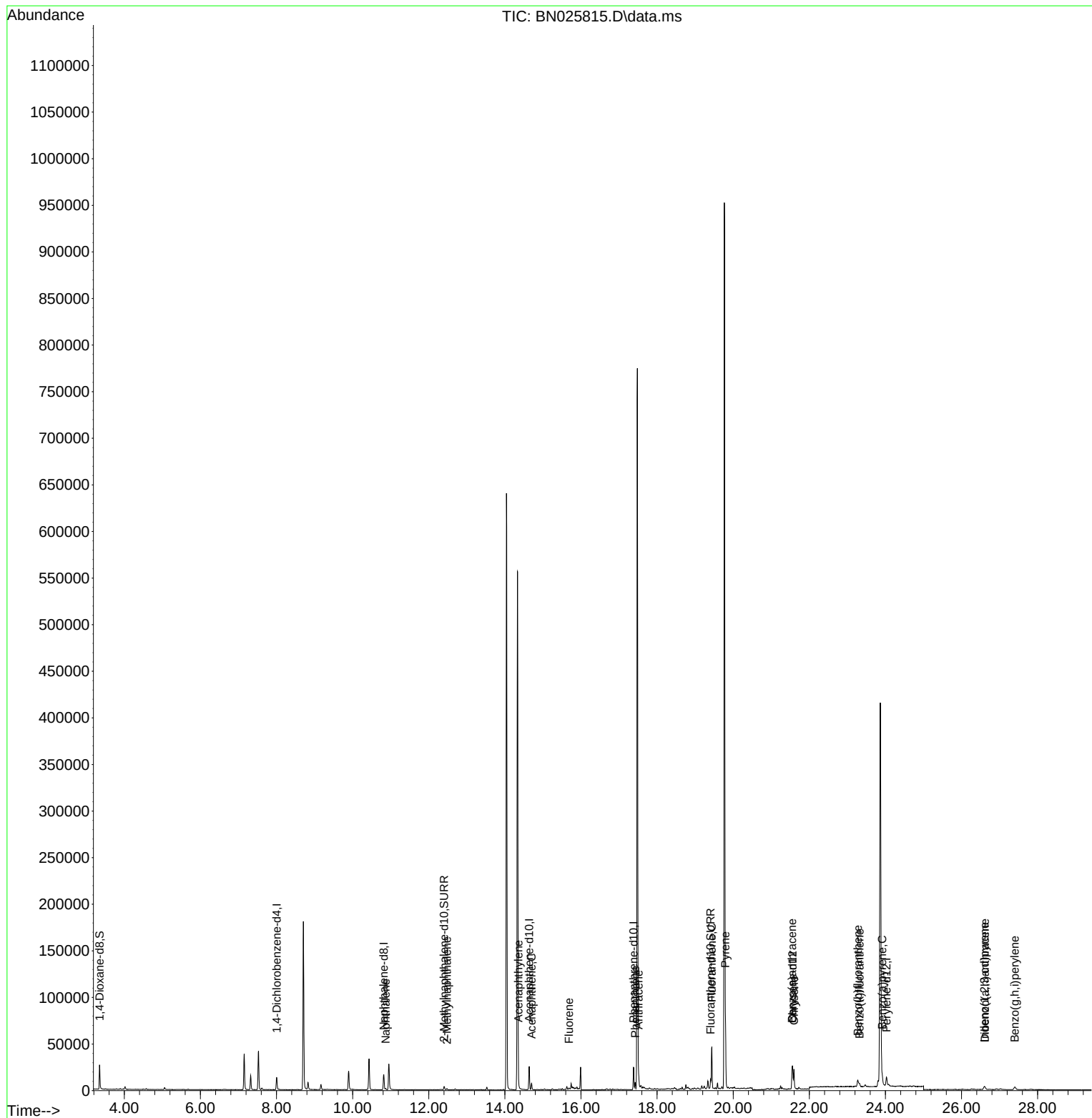
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025815.D
Acq On : 13 Jun 2023 20:59
Operator : MA/JU
Sample : 02950-05
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ALS Vial : 20 Sample Multiplier: 1

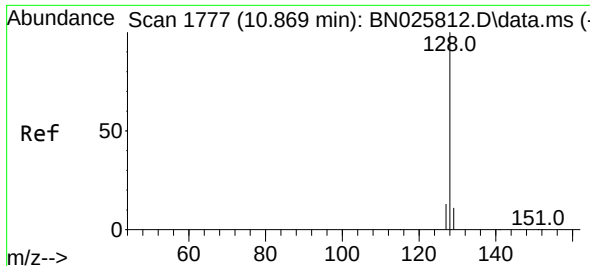
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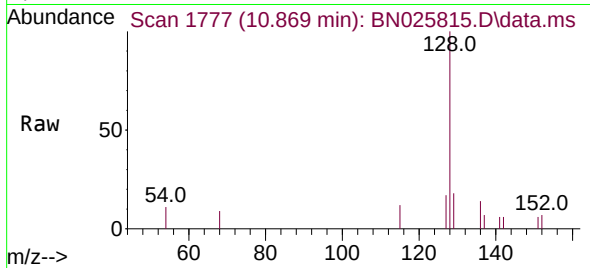
Quant Time: Jun 13 23:49:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

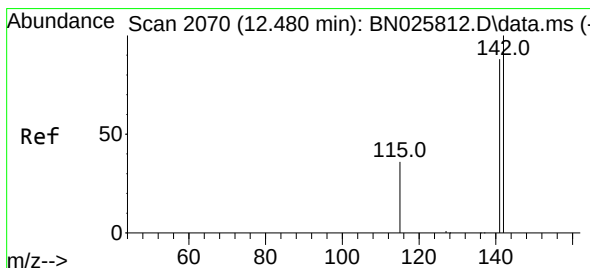
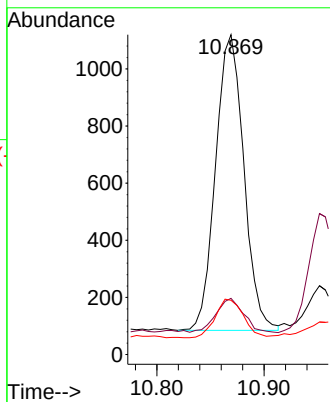
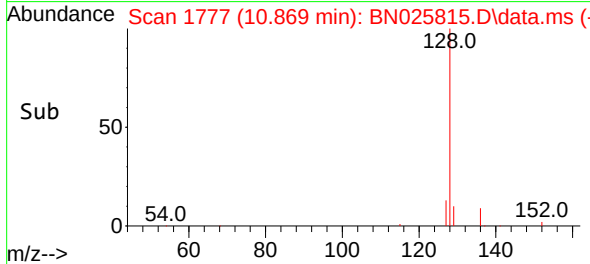
Instrument :
BNA_N
ClientSampleId :
EW982



Tgt Ion:128 Resp: 189
Ion Ratio Lower Upper
128 100
129 17.6 9.1 13.7
127 17.0 10.5 15.7

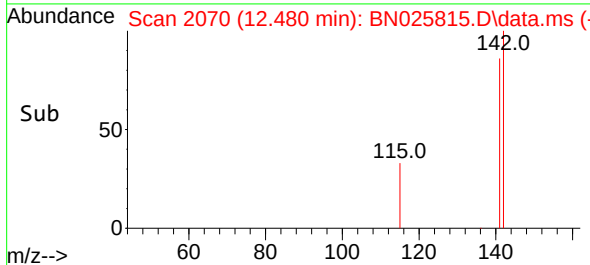
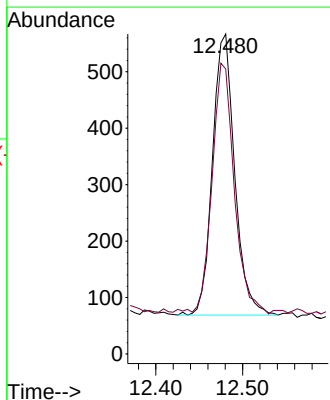
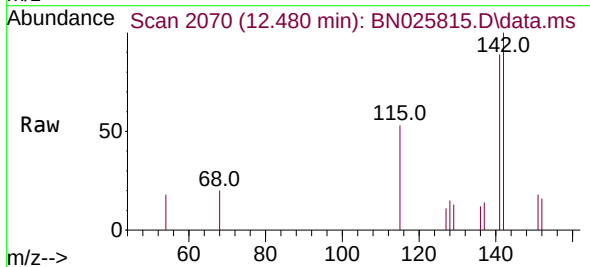
Manual Integrations
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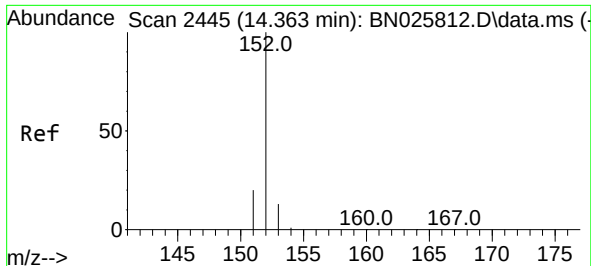
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.480 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

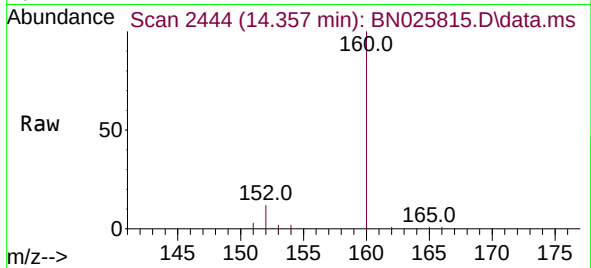
Tgt Ion:142 Resp: 885
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2





#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 14.357 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

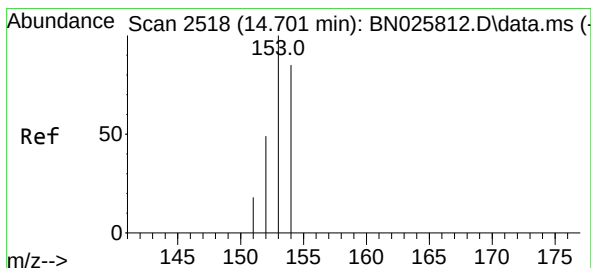
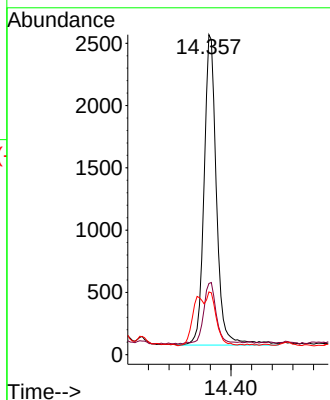
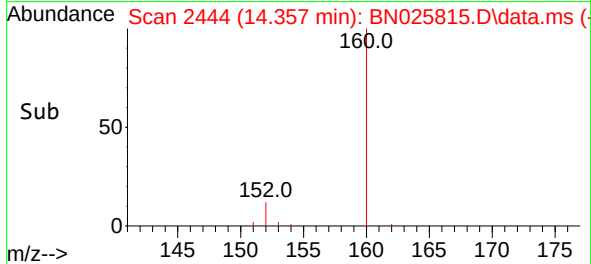
Instrument :
BNA_N
ClientSampleId :
EW982



Tgt Ion:152 Resp: 4158
Ion Ratio Lower Upper
152 100
151 22.3 16.0 24.0
153 19.6 10.7 16.1

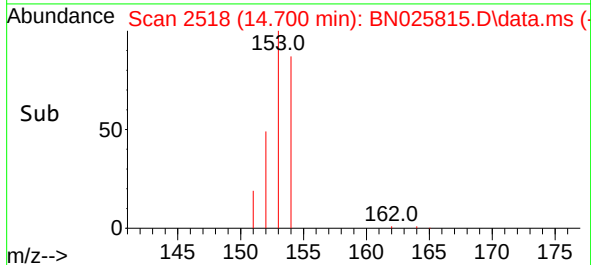
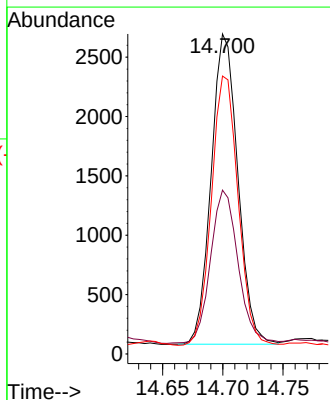
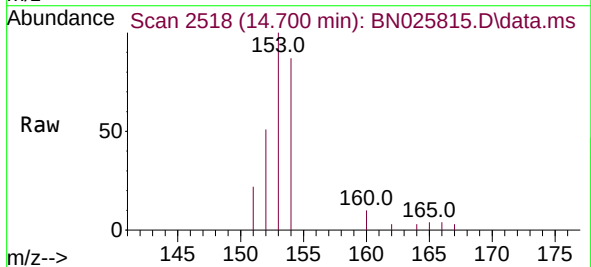
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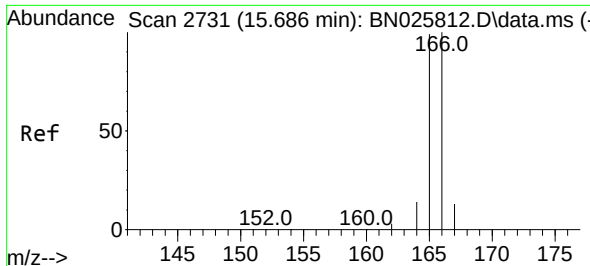
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#11
Acenaphthene
Concen: 0.090 ng/ul
RT: 14.700 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

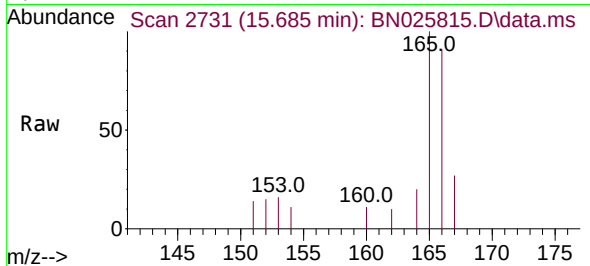
Tgt Ion:153 Resp: 4036
Ion Ratio Lower Upper
153 100
152 51.2 39.5 59.3
154 86.9 68.8 103.2





#12
Fluorene
Concen: 0.027 ng/u1
RT: 15.685 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

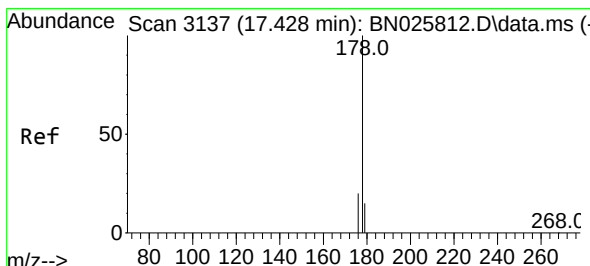
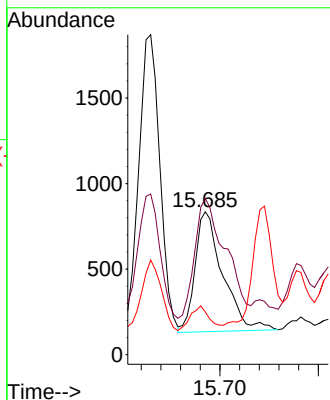
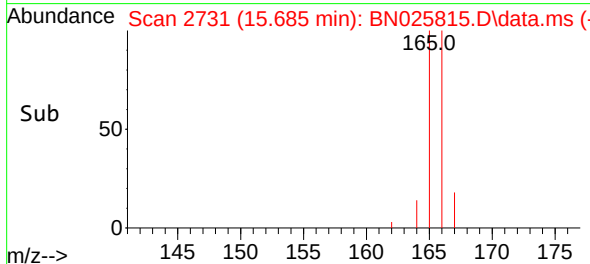
Instrument :
BNA_N
ClientSampleId :
EW982



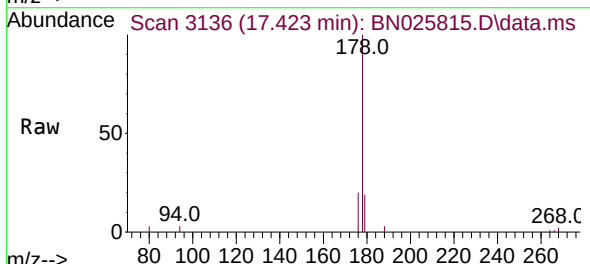
Tgt Ion:166 Resp: 1369
Ion Ratio Lower Upper
166 100
165 109.3 79.2 118.8
167 29.9 11.0 16.6

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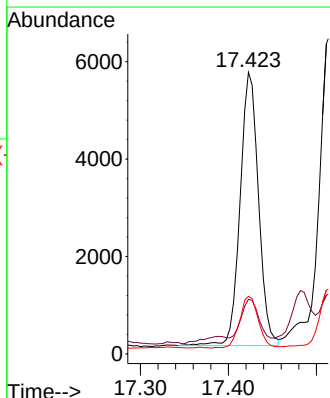
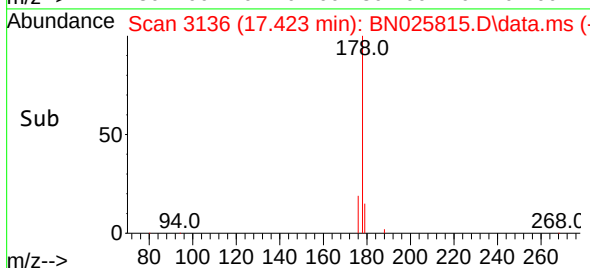
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

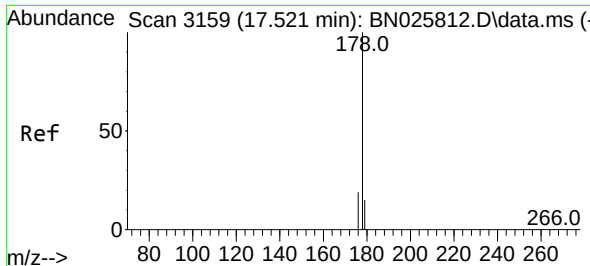


#15
Phenanthrene
Concen: 0.099 ng/u1
RT: 17.423 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59



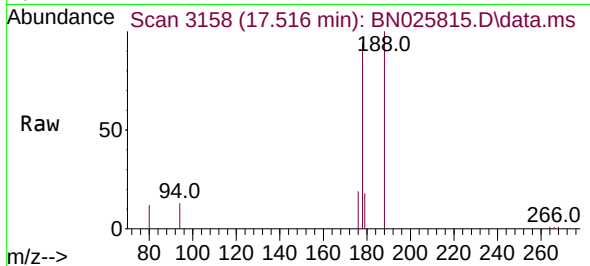
Tgt Ion:178 Resp: 8155
Ion Ratio Lower Upper
178 100
179 19.4 12.6 18.8#
176 20.5 15.8 23.8





#16
 Anthracene
 Concen: 0.139 ng/ul
 RT: 17.516 min Scan# 3159
 Delta R.T. -0.008 min
 Lab File: BN025815.D
 Acq: 13 Jun 2023 20:59

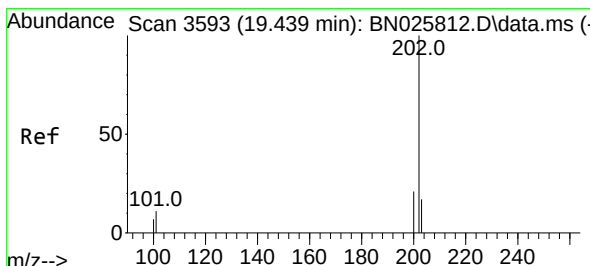
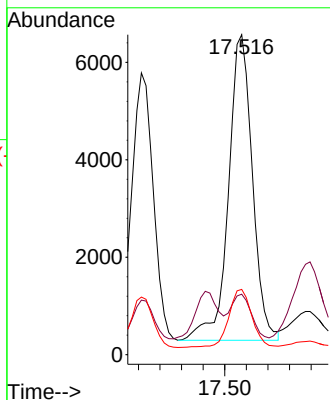
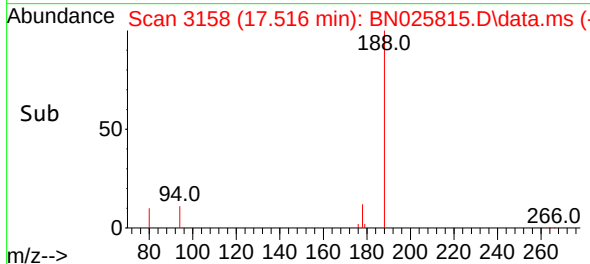
Instrument :
 BNA_N
 ClientSampleId :
 EW982



Tgt Ion:178 Resp: 9684
 Ion Ratio Lower Upper
 178 100
 179 18.9 12.6 19.0
 176 20.4 15.4 23.2

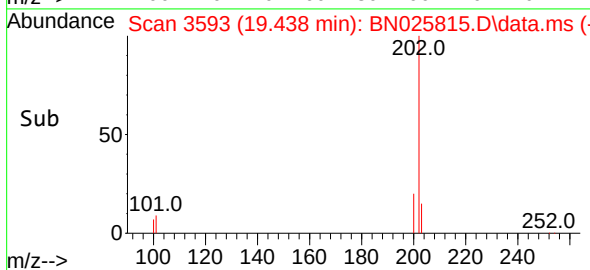
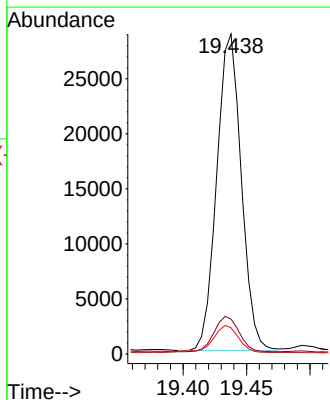
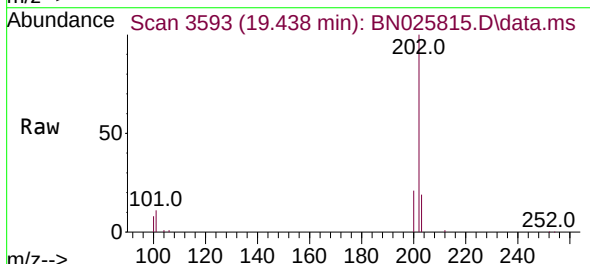
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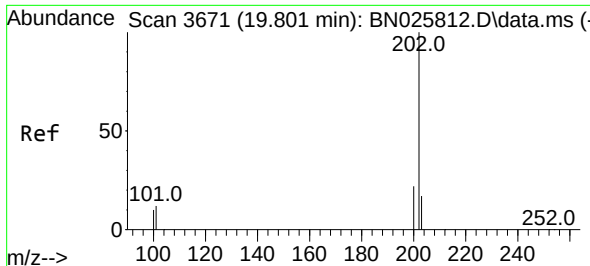
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023



#19
 Fluoranthene
 Concen: 0.548 ng/ul
 RT: 19.438 min Scan# 3593
 Delta R.T. -0.004 min
 Lab File: BN025815.D
 Acq: 13 Jun 2023 20:59

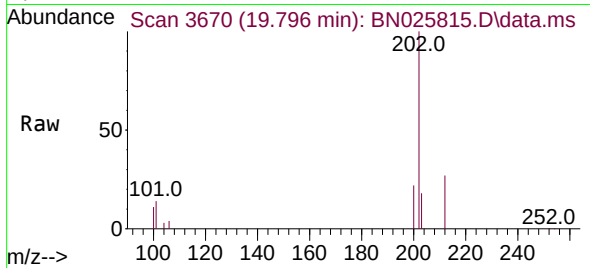
Tgt Ion:202 Resp: 38711
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.1 13.7
 100 8.2 7.0 10.6





#20
Pyrene
Concen: 0.761 ng/ul m
RT: 19.796 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

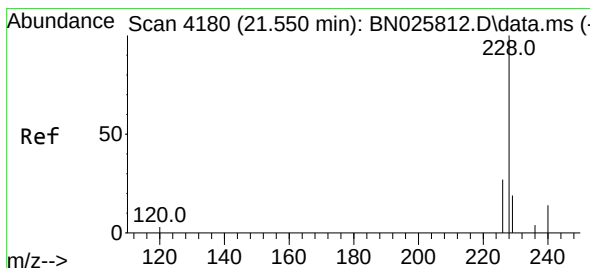
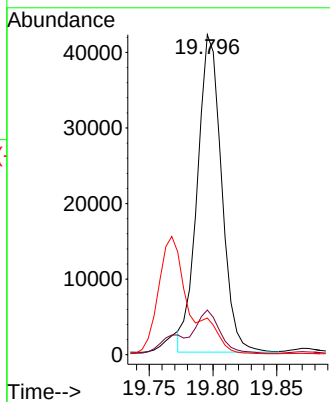
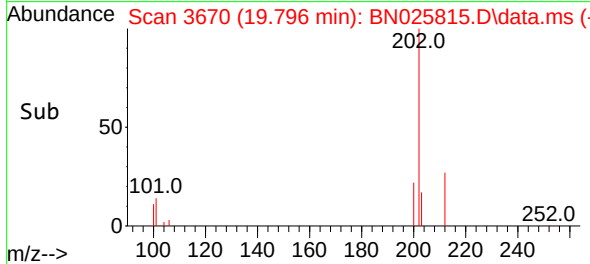
Instrument :
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Tgt Ion:202 Resp: 5565
Ion Ratio Lower Upper
202 100
101 13.9 10.4 15.6
100 11.5 8.8 13.2

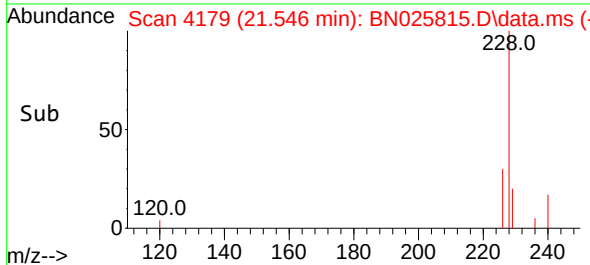
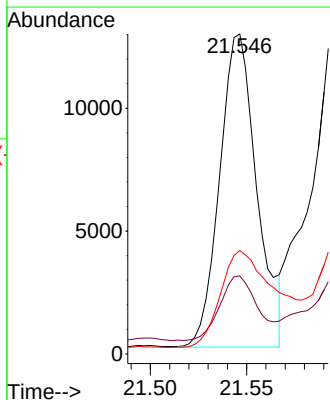
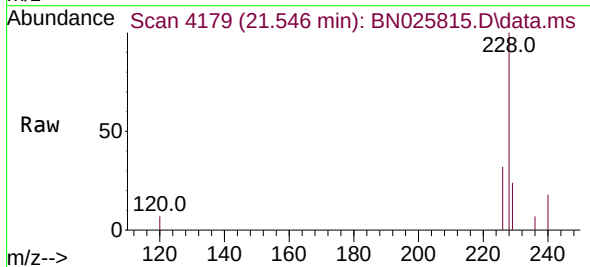
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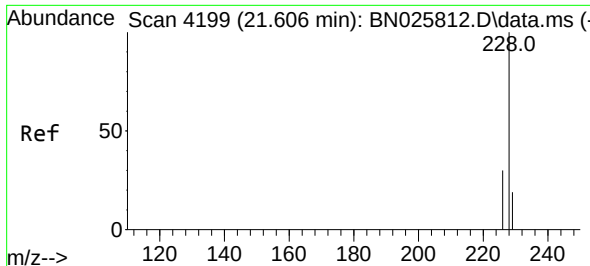
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#21
Benzo(a)anthracene
Concen: 0.349 ng/ul m
RT: 21.546 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

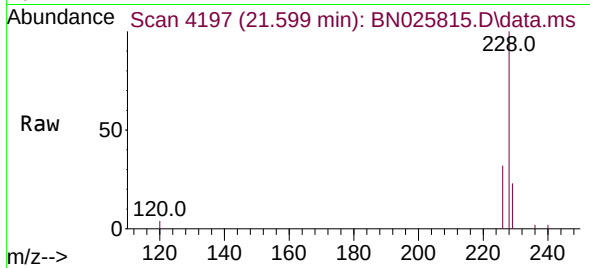
Tgt Ion:228 Resp: 17174
Ion Ratio Lower Upper
228 100
229 24.4 15.5 23.3#
226 32.3 22.0 33.0





#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.599 min Scan# 4199
Delta R.T. -0.009 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59

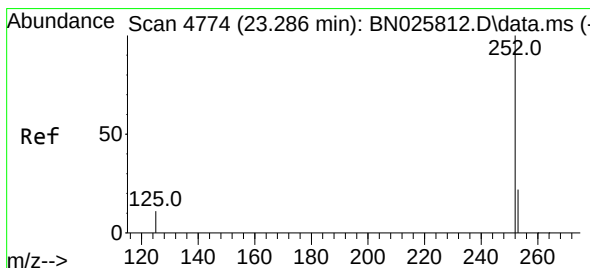
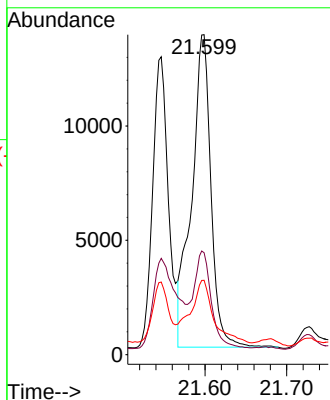
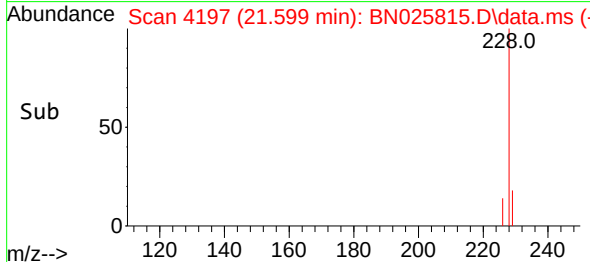
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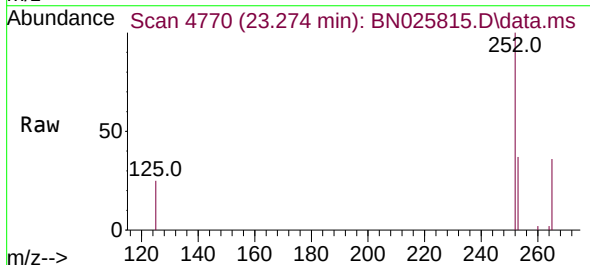
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Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 23.3 15.7 23.5

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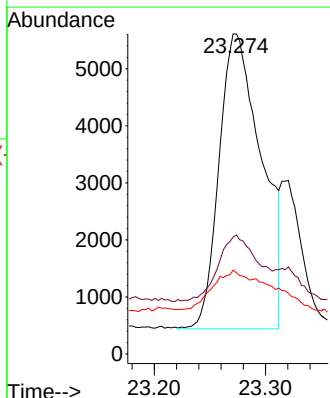
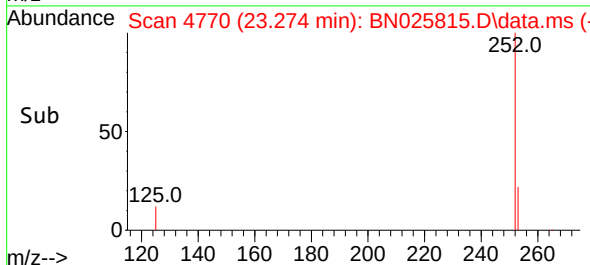
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

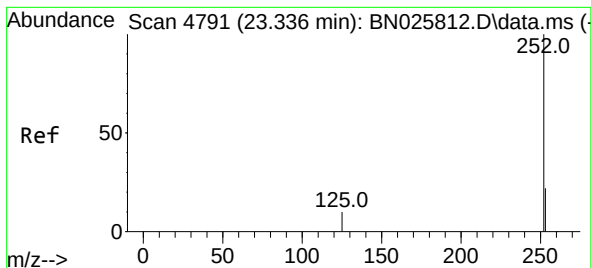


#24
Benzo(b)fluoranthene
Concen: 0.228 ng/ul m
RT: 23.274 min Scan# 4770
Delta R.T. -0.017 min
Lab File: BN025815.D
Acq: 13 Jun 2023 20:59



Tgt Ion:252 Resp: 13720
Ion Ratio Lower Upper
252 100
253 37.2 0.0 56.0
125 25.4 0.0 28.0





#25

Benzo(k)fluoranthene

Concen: 0.057 ng/ul m

RT: 23.321 min Scan# 4

Delta R.T. -0.020 min

Lab File: BN025815.D

Acq: 13 Jun 2023 20:59

Instrument :

BNA_N

ClientSampleId :

EW982

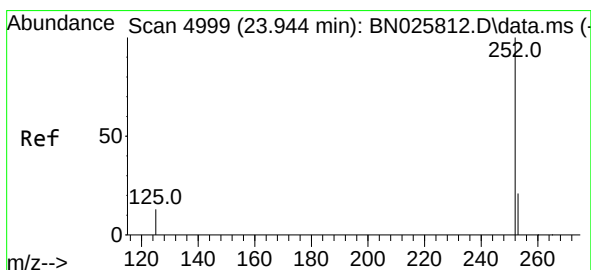
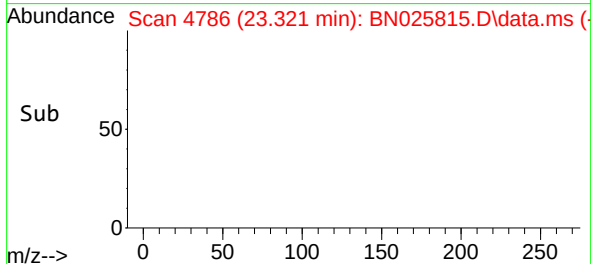
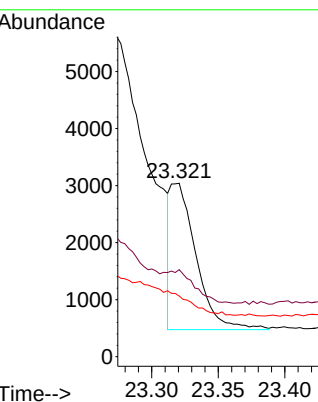
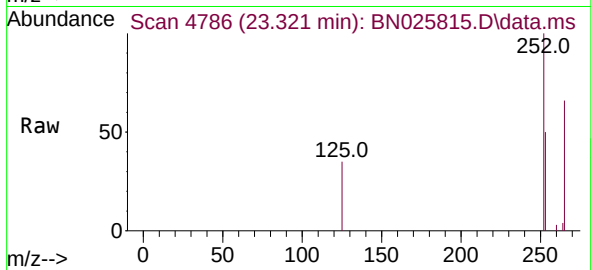
Tgt Ion:252	Resp:	344
Ion Ratio	Lower	Upper
252	100	
253	50.2	23.3 34.9
125	35.0	11.6 17.4

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: 0.230 ng/ul

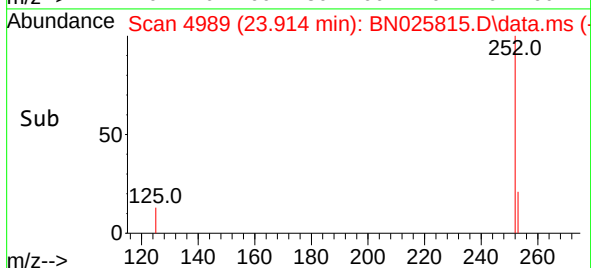
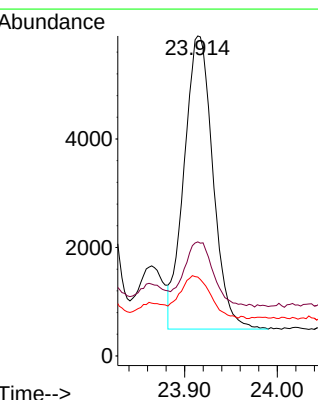
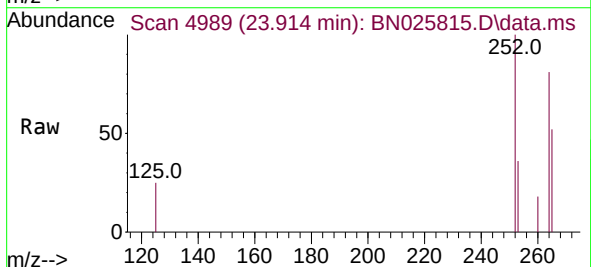
RT: 23.914 min Scan# 4989

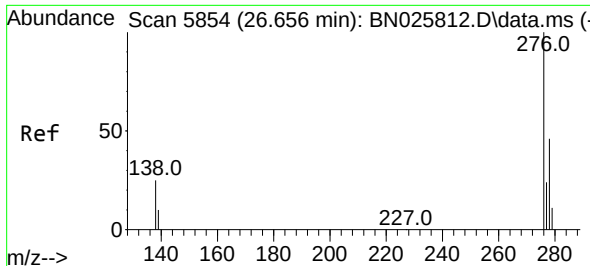
Delta R.T. -0.029 min

Lab File: BN025815.D

Acq: 13 Jun 2023 20:59

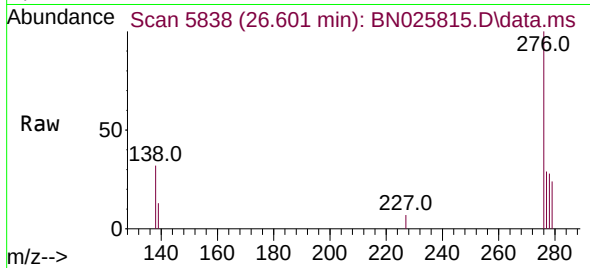
Tgt Ion:252	Resp:	11710
Ion Ratio	Lower	Upper
252	100	
253	35.7	25.8 38.8
125	24.7	13.5 20.3





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.104 ng/ul
 RT: 26.601 min Scan# 5838
 Delta R.T. -0.057 min
 Lab File: BN025815.D
 Acq: 13 Jun 2023 20:59

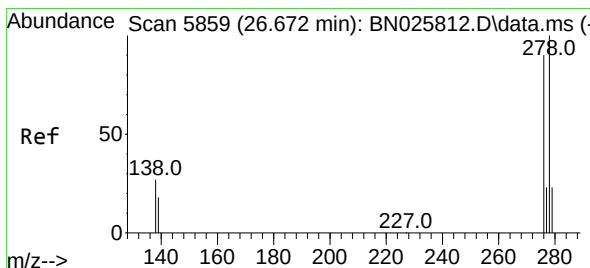
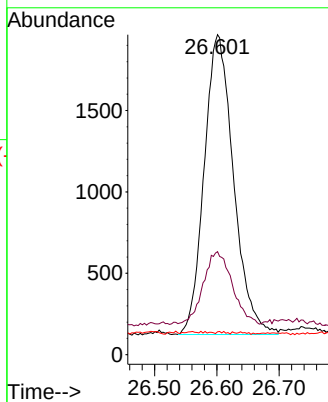
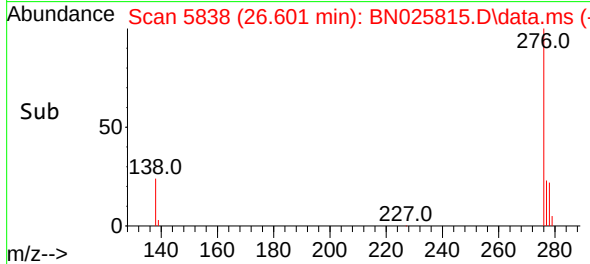
Instrument :
 BNA_N
 ClientSampleId :
 EW982



Tgt Ion:276 Resp: 6034
 Ion Ratio Lower Upper
 276 100
 138 23.6 24.6 36.8#
 227 0.2 0.0 0.0#

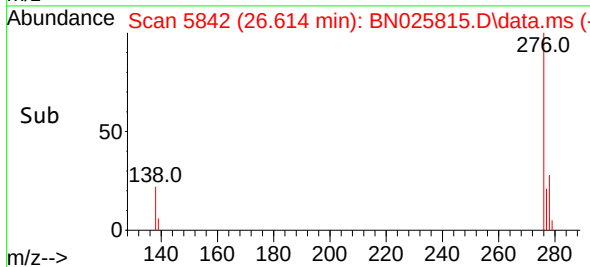
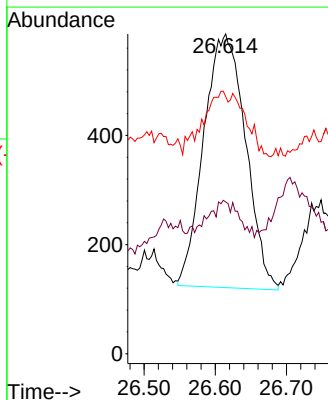
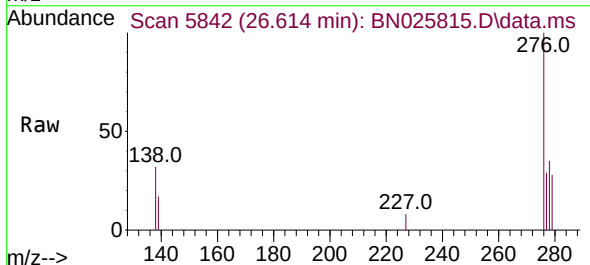
Manual Integrations
 APPROVED

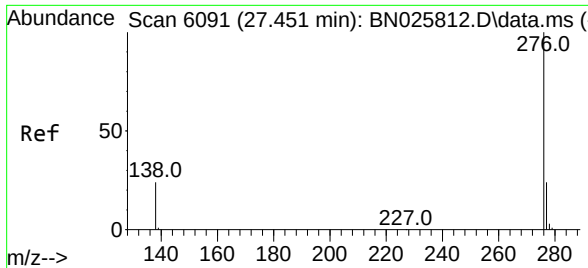
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.043 ng/ul
 RT: 26.614 min Scan# 5842
 Delta R.T. -0.071 min
 Lab File: BN025815.D
 Acq: 13 Jun 2023 20:59

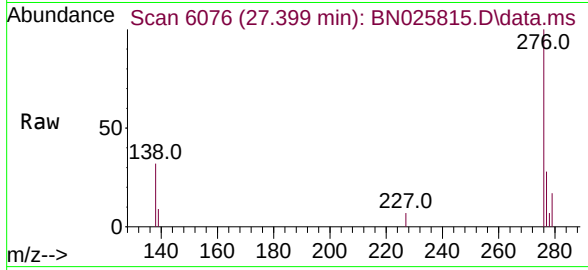
Tgt Ion:278 Resp: 1895
 Ion Ratio Lower Upper
 278 100
 139 47.4 17.9 26.9#
 279 80.4 25.3 37.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.128 ng/ul
 RT: 27.399 min Scan# 6091
 Delta R.T. -0.050 min
 Lab File: BN025815.D
 Acq: 13 Jun 2023 20:59

Instrument :
 BNA_N
 ClientSampleId :
 EW982



Tgt Ion: 276 Resp: 668

Ion	Ratio	Lower	Upper
276	100		
138	31.8	21.8	32.8
277	28.1	19.4	29.2

Manual Integrations
 APPROVED

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

