

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032763.D
 Acq On : 17 Jul 2024 05:09
 Operator : MA/JU
 Sample : P3100-23
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D51

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 05:41:23 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 : Wed Jul 17 02:35:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5215	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.309	136	13988	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.192	164	9621	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	18976m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.166	240	14729m	0.400	ng/ul	0.00
23) Perylene-d12	23.361	264	22779m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	14424	2.303	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.909	152	4815	0.228	ng/ul	-0.02
18) Fluoranthene-d10	18.993	212	12580m	0.262	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.359	128	7362	0.196	ng/ul#	94
7) 2-Methylnaphthalene	11.986	142	11878	0.507	ng/ul	96
8) 1-Methylnaphthalene	12.206	142	17356	0.716	ng/ul	99
10) Acenaphthylene	13.914	152	177076	4.556	ng/ul	99
11) Acenaphthene	14.256	153	55197	1.717	ng/ul	98
12) Fluorene	15.251	166	193063	5.254	ng/ul	98
15) Phenanthrene	16.994	178	2146116m	41.527	ng/ul	
16) Anthracene	17.082	178	620780m	14.703	ng/ul	
19) Fluoranthene	19.026	202	3485234m	58.199	ng/ul	
20) Pyrene	19.393	202	2230567m	35.985	ng/ul	
21) Benzo(a)anthracene	21.149	228	1748686m	37.298	ng/ul	
22) Chrysene	21.204	228	1576351m	23.242	ng/ul	
24) Benzo(b)fluoranthene	22.706	252	2024170m	25.185	ng/ul	
25) Benzo(k)fluoranthene	22.744	252	847238m	8.650	ng/ul	
26) Benzo(a)pyrene	23.265	252	990112m	14.235	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.578	276	732490m	7.778	ng/ul	
28) Dibenzo(a,h)anthracene	25.575	278	282119m	3.865	ng/ul	
29) Benzo(g,h,i)perylene	26.255	276	479664m	6.094	ng/ul	

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

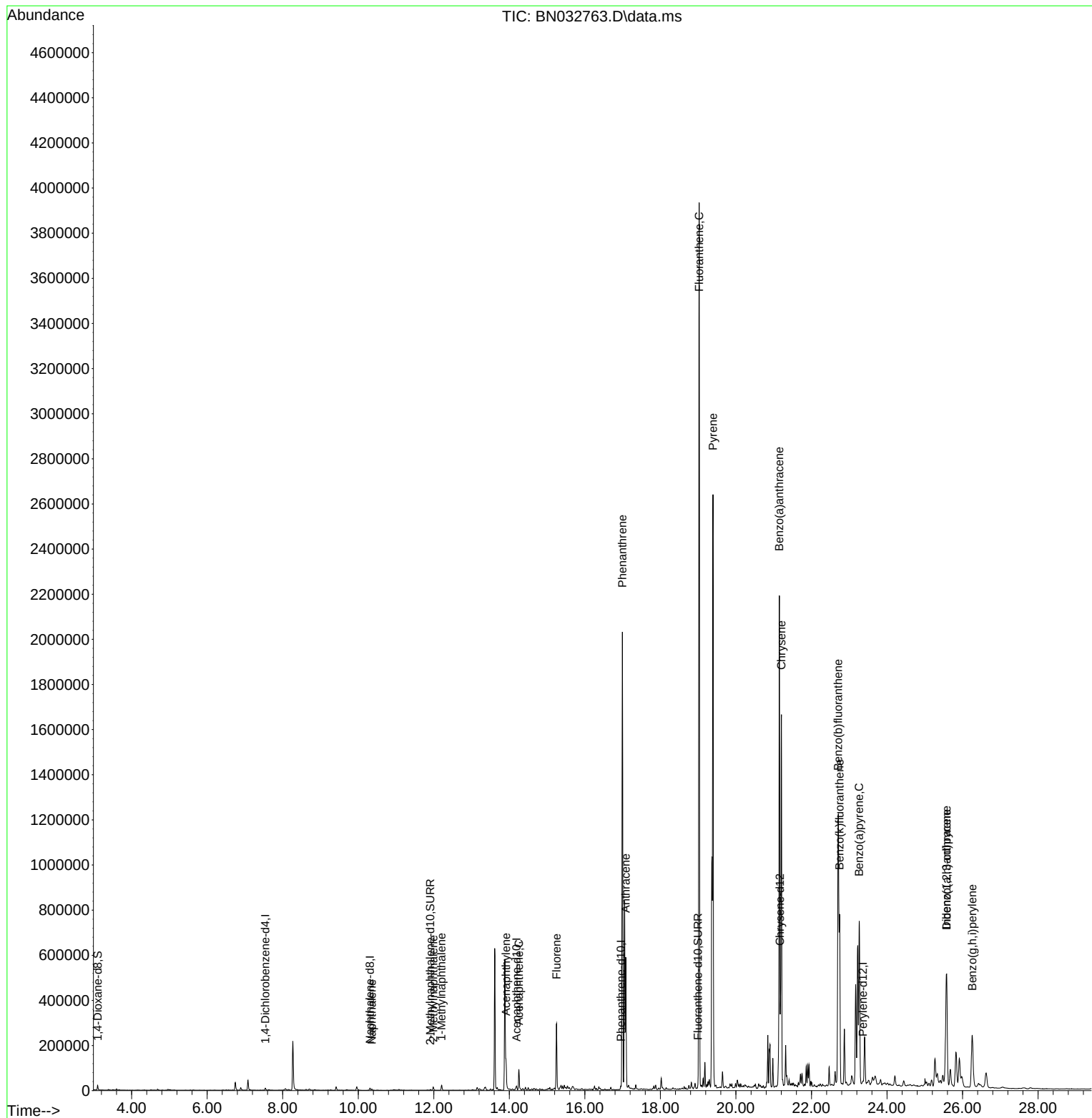
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
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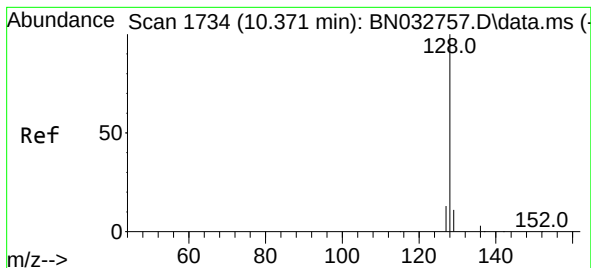
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Quant Time: Jul 17 05:41:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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#5

Naphthalene

Concen: 0.196 ng/ul

RT: 10.359 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN032763.D

Acq: 17 Jul 2024 05:09

Instrument :

BNA_N

ClientSampleId :

A4D51

Tgt Ion:128 Resp: 7362

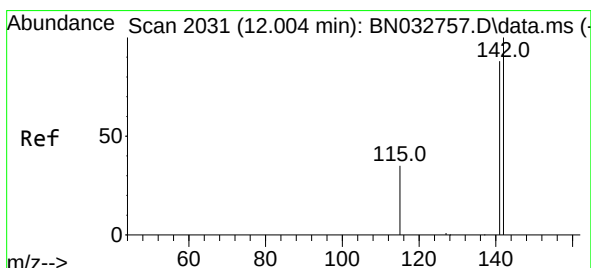
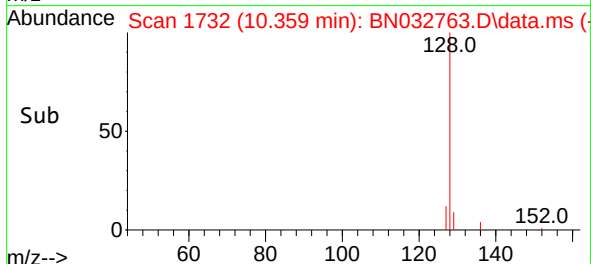
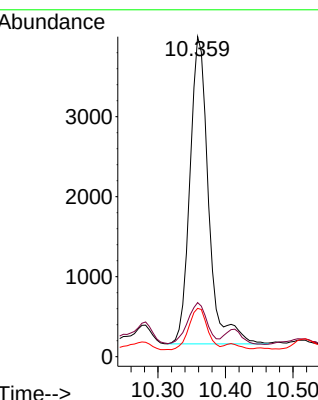
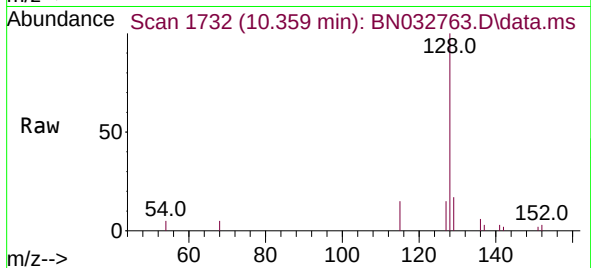
Ion	Ratio	Lower	Upper
128	100		
129	16.9	10.0	15.0
127	15.1	11.6	17.4

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#7

2-Methylnaphthalene

Concen: 0.507 ng/ul

RT: 11.986 min Scan# 2028

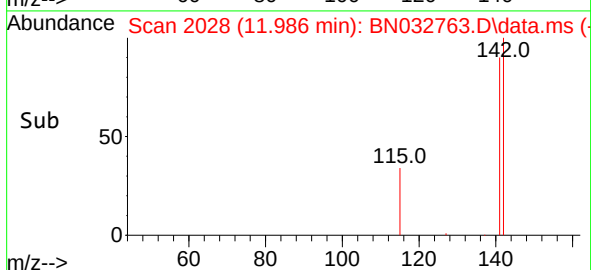
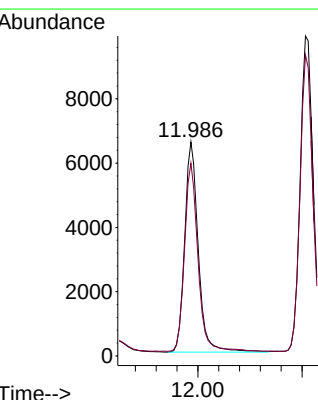
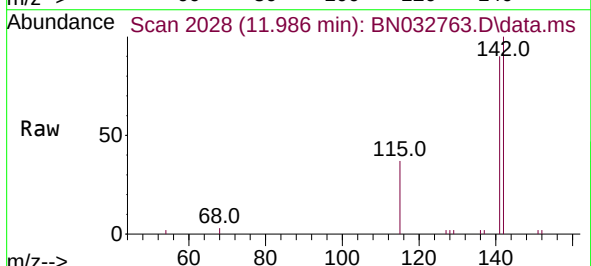
Delta R.T. -0.018 min

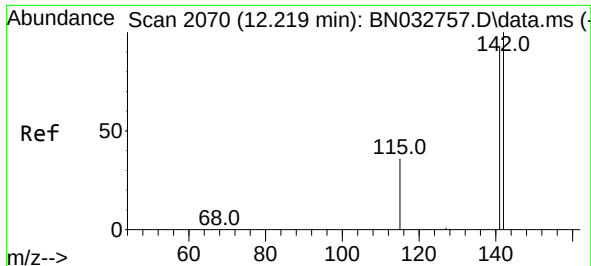
Lab File: BN032763.D

Acq: 17 Jul 2024 05:09

Tgt Ion:142 Resp: 11878

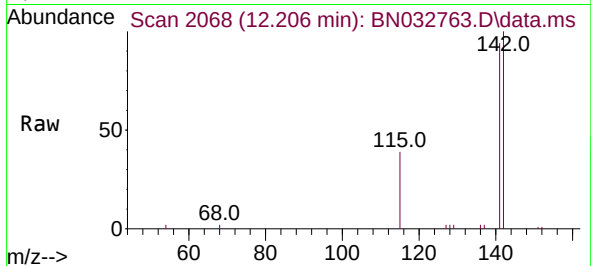
Ion	Ratio	Lower	Upper
142	100		
141	88.4	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.716 ng/ul
RT: 12.206 min Scan# 2070
Delta R.T. -0.012 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

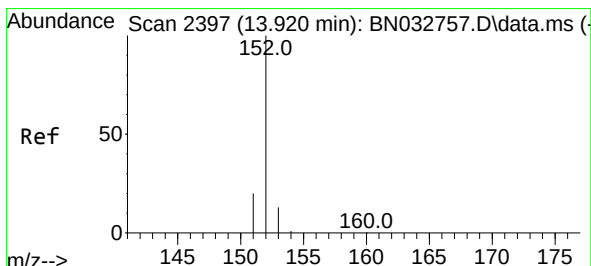
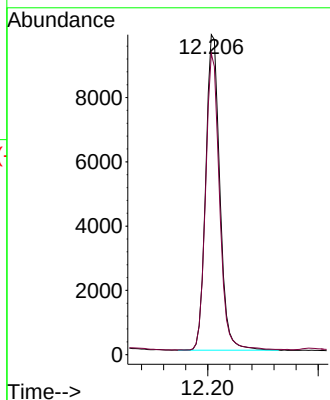
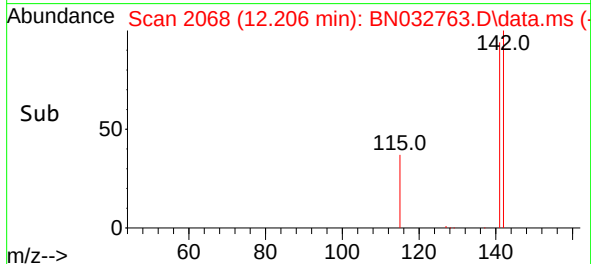
Instrument :
BNA_N
ClientSampleId :
A4D51



Tgt Ion:142 Resp: 17350
Ion Ratio Lower Upper
142 100
141 93.0 75.0 112.4

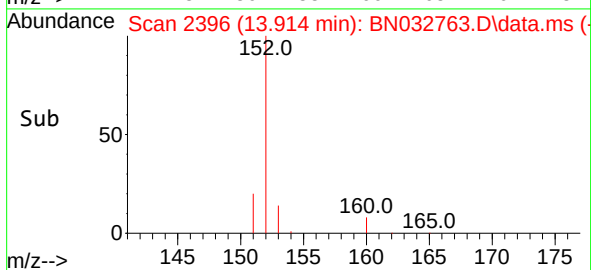
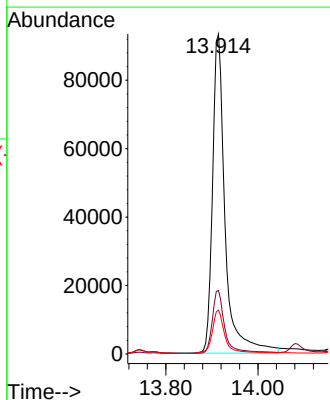
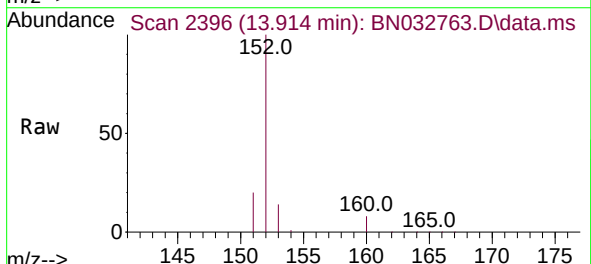
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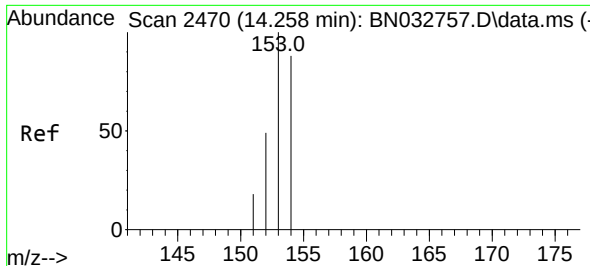
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#10
Acenaphthylene
Concen: 4.556 ng/ul
RT: 13.914 min Scan# 2396
Delta R.T. -0.006 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

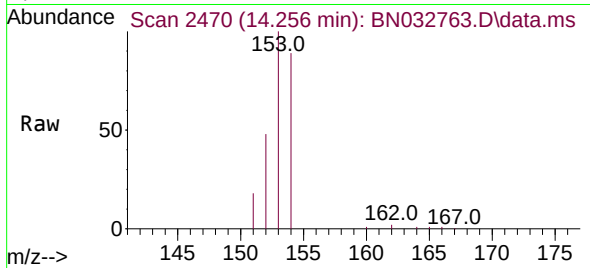
Tgt Ion:152 Resp: 177076
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.7 11.3 16.9





#11
Acenaphthene
Concen: 1.717 ng/ul
RT: 14.256 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

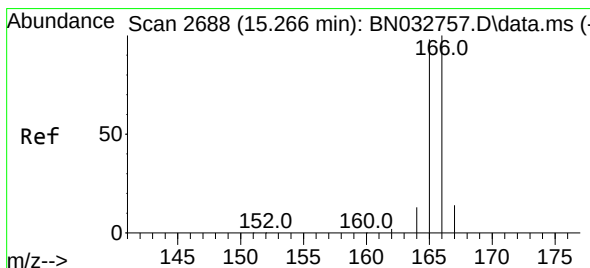
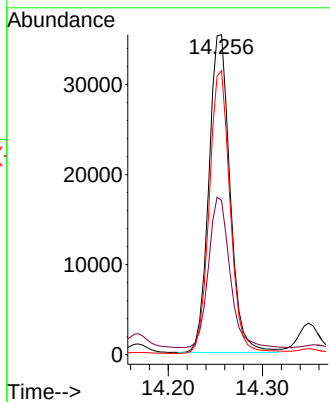
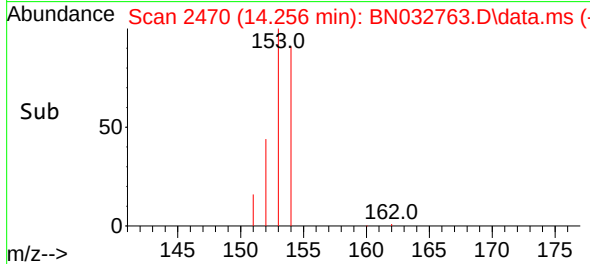
Instrument :
BNA_N
ClientSampleId :
A4D51



Tgt Ion:153 Resp: 55197
Ion Ratio Lower Upper
153 100
152 48.2 40.0 60.0
154 88.8 70.2 105.4

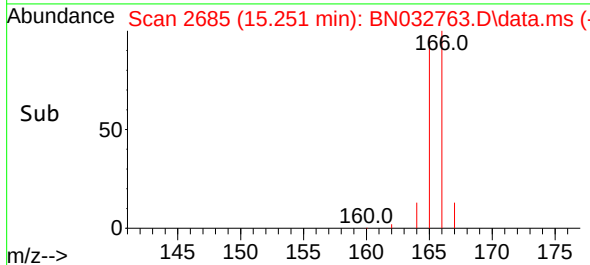
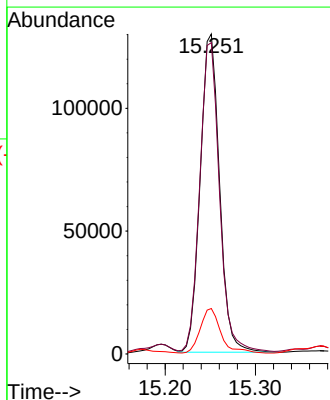
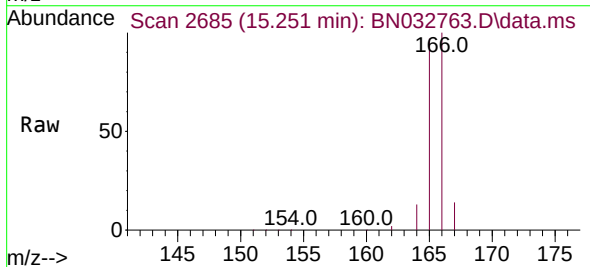
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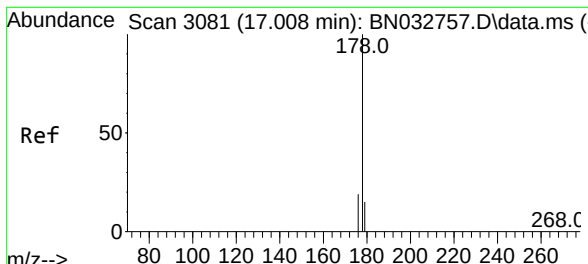
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 5.254 ng/ul
RT: 15.251 min Scan# 2685
Delta R.T. -0.015 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

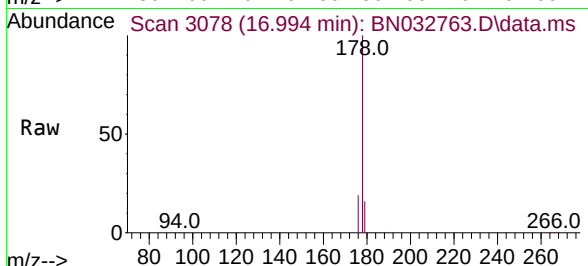
Tgt Ion:166 Resp: 193063
Ion Ratio Lower Upper
166 100
165 97.3 79.7 119.5
167 14.2 11.4 17.2





#15
 Phenanthrene
 Concen: 41.527 ng/ul m
 RT: 16.994 min Scan# 3078
 Delta R.T. -0.014 min
 Lab File: BN032763.D
 Acq: 17 Jul 2024 05:09

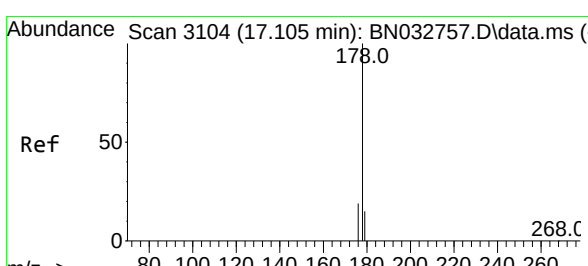
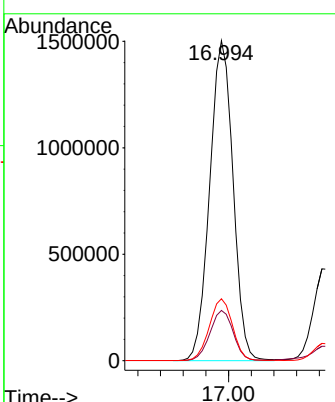
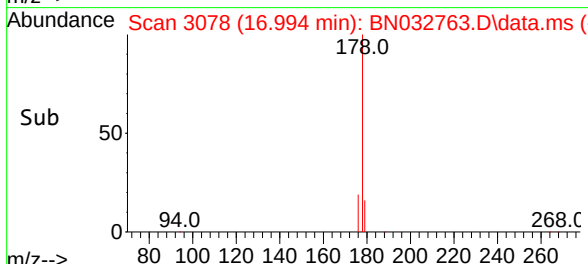
Instrument : BNA_N
 ClientSampleId : A4D51



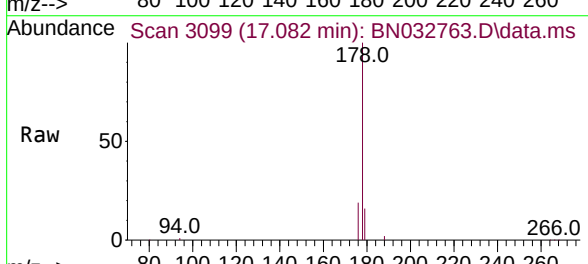
Tgt Ion:178 Resp: 2146110

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.4
176	19.3	15.6	23.4

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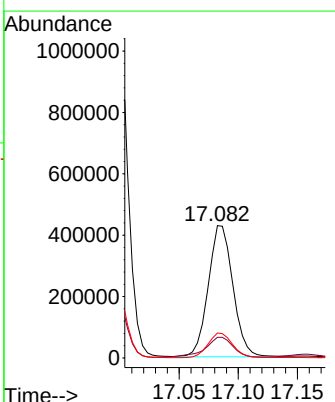
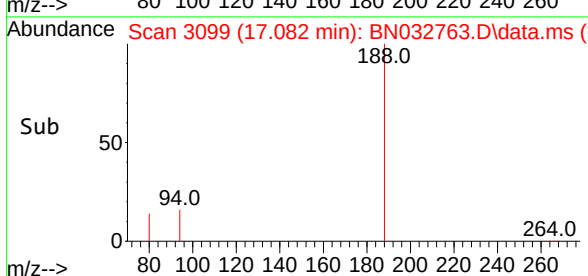


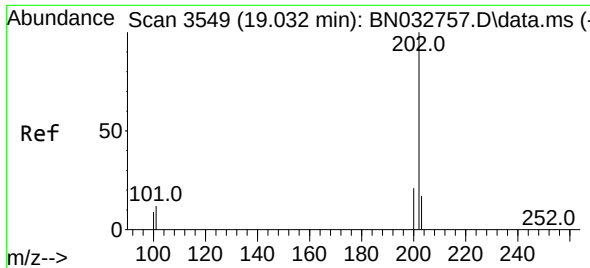
#16
 Anthracene
 Concen: 14.703 ng/ul m
 RT: 17.082 min Scan# 3099
 Delta R.T. -0.022 min
 Lab File: BN032763.D
 Acq: 17 Jul 2024 05:09



Tgt Ion:178 Resp: 620780

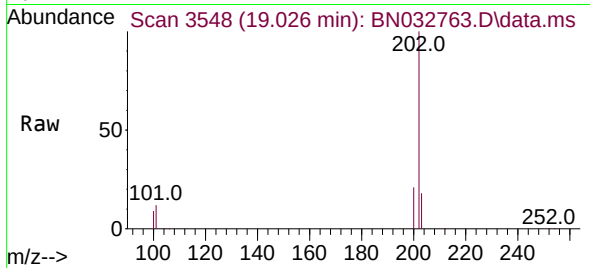
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.8	15.4	23.0





#19
Fluoranthene
Concen: 58.199 ng/ul m
RT: 19.026 min Scan# 3549
Delta R.T. -0.006 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

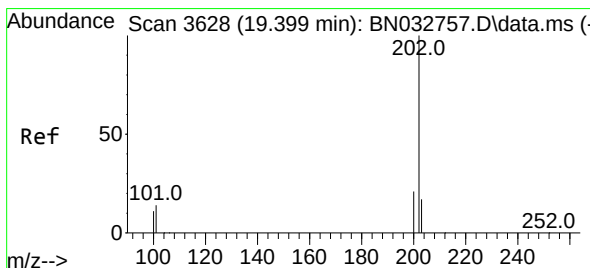
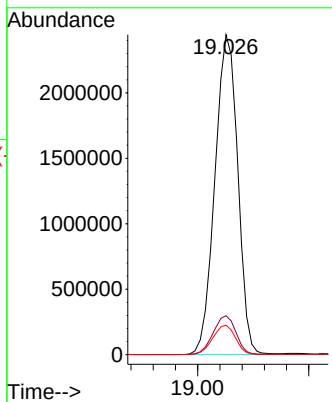
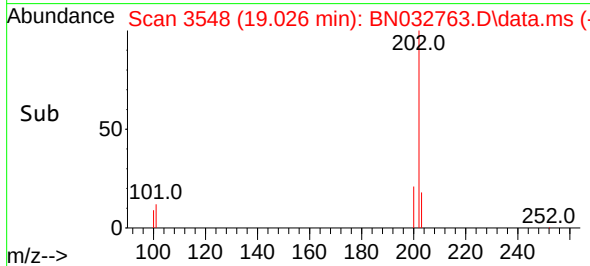
Instrument :
BNA_N
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A4D51



Tgt Ion:202 Resp: 3485234
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.8
100 9.2 7.9 11.9

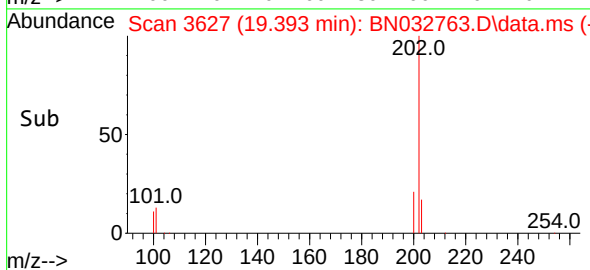
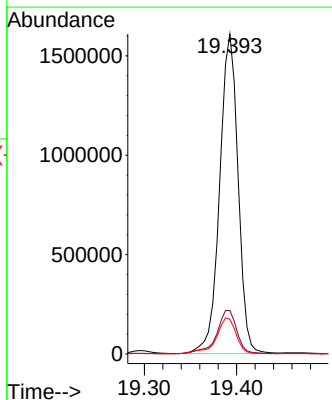
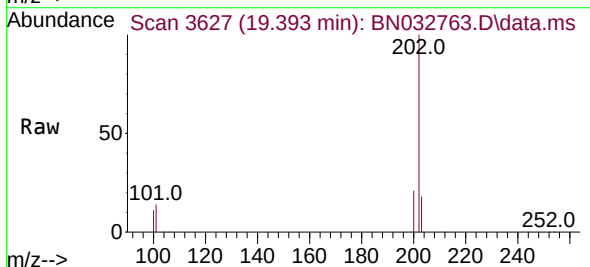
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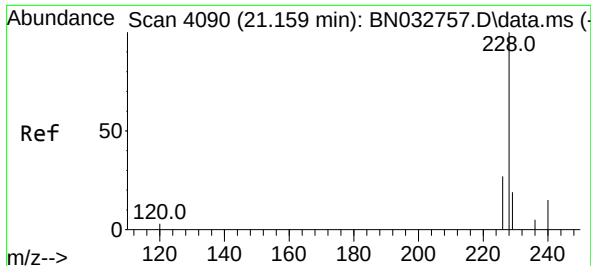
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 35.985 ng/ul m
RT: 19.393 min Scan# 3627
Delta R.T. -0.006 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

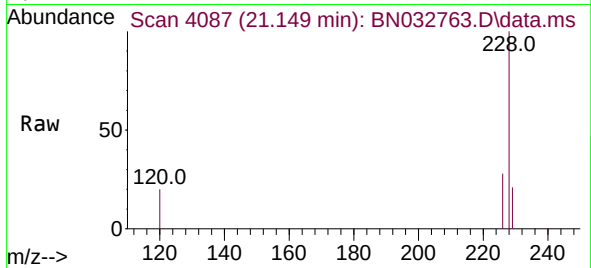
Tgt Ion:202 Resp: 2230567
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 10.9 9.6 14.4





#21
Benzo(a)anthracene
Concen: 37.298 ng/ul m
RT: 21.149 min Scan# 4090
Delta R.T. -0.010 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

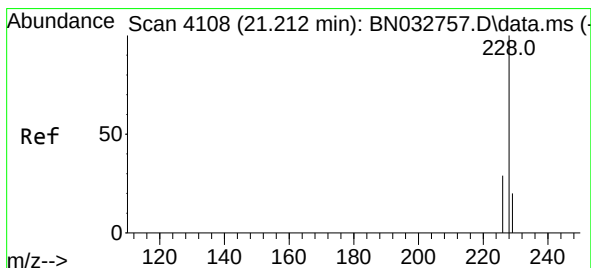
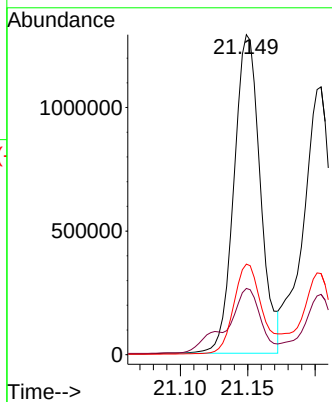
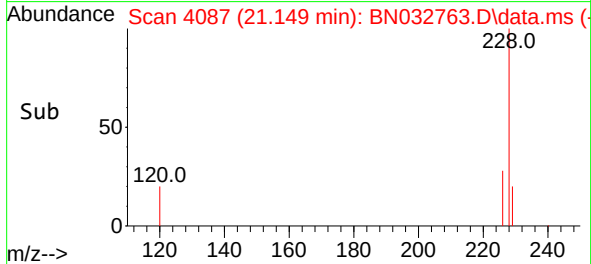
Instrument :
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Tgt Ion:228 Resp: 1748680
Ion Ratio Lower Upper
228 100
229 20.7 16.1 24.1
226 28.3 21.9 32.9

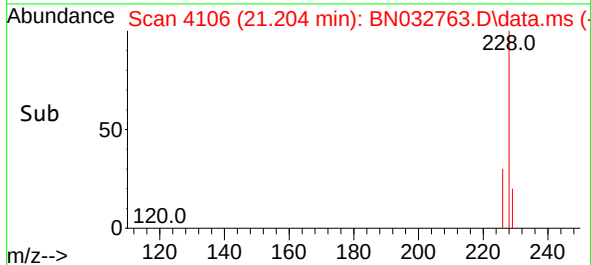
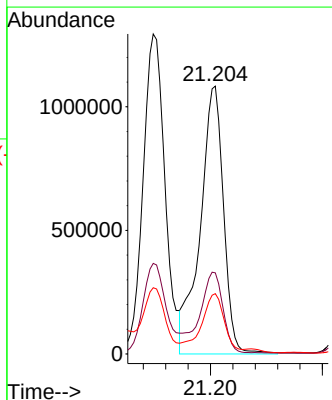
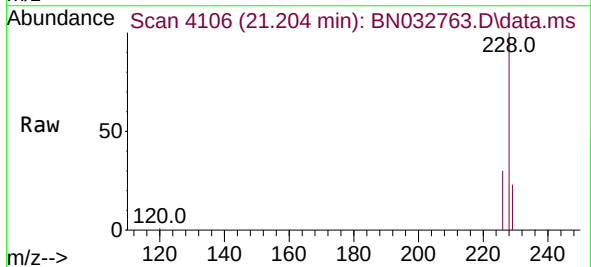
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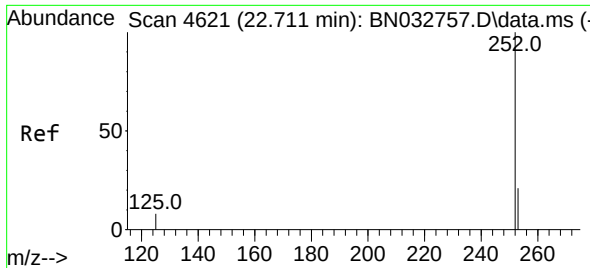
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 23.242 ng/ul m
RT: 21.204 min Scan# 4106
Delta R.T. -0.007 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

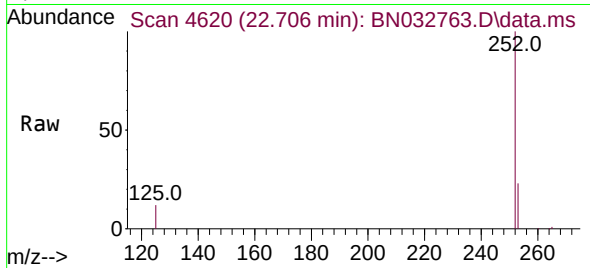
Tgt Ion:228 Resp: 1576351
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 22.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 25.185 ng/ul m
RT: 22.706 min Scan# 4620
Delta R.T. -0.004 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

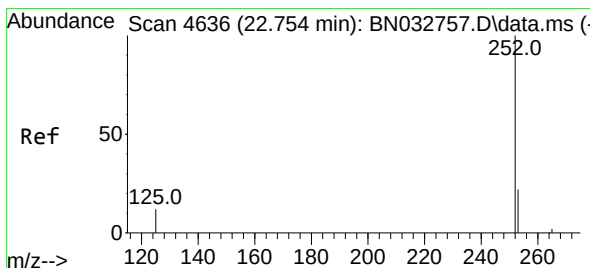
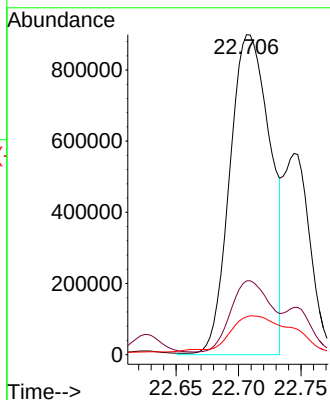
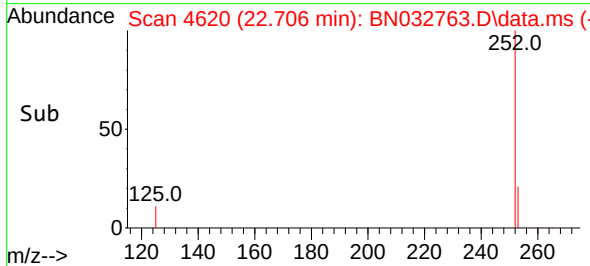
Instrument :
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Tgt Ion:252 Resp: 2024170
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 11.9 0.0 36.0

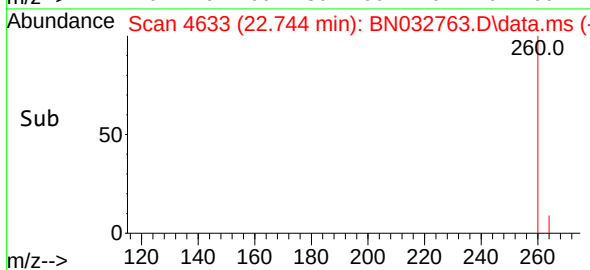
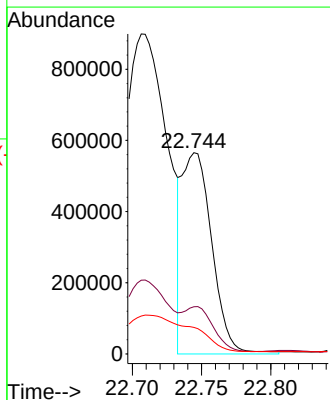
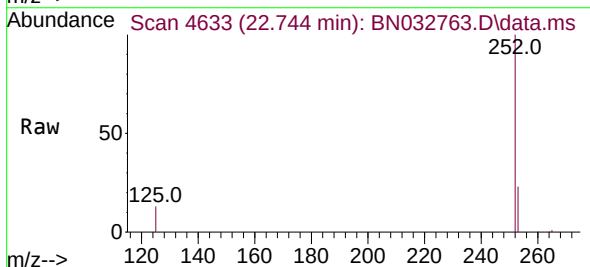
Manual Integrations
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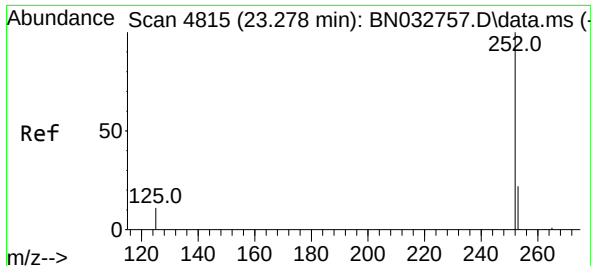
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 8.650 ng/ul m
RT: 22.744 min Scan# 4633
Delta R.T. -0.010 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

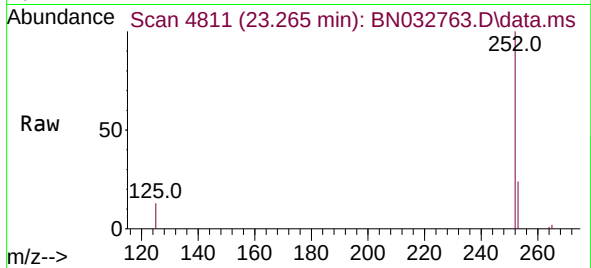
Tgt Ion:252 Resp: 847238
Ion Ratio Lower Upper
252 100
253 23.5 21.2 31.8
125 13.2 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 14.235 ng/ul m
RT: 23.265 min Scan# 4811
Delta R.T. -0.013 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

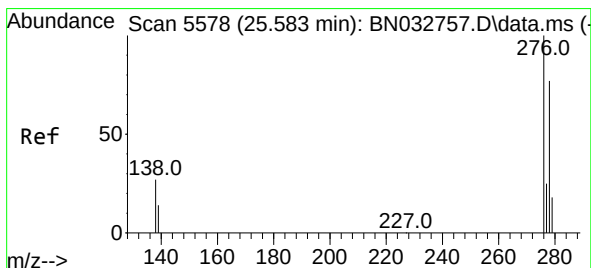
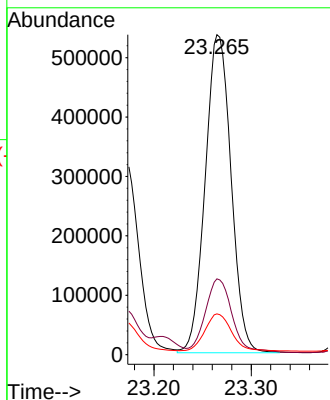
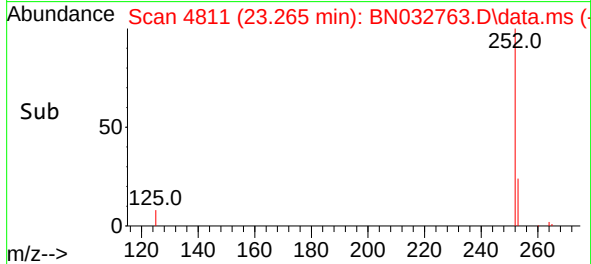
Instrument :
BNA_N
ClientSampleId :
A4D51



Tgt Ion:252 Resp: 990111
Ion Ratio Lower Upper
252 100
253 23.7 25.4 38.0#
125 12.8 20.6 30.8#

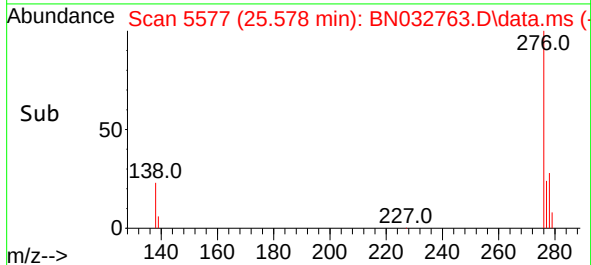
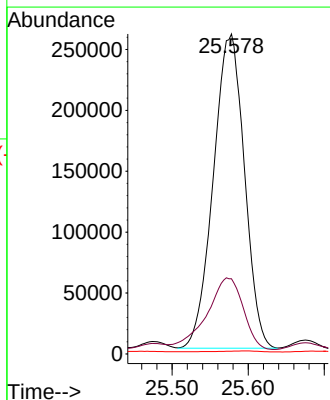
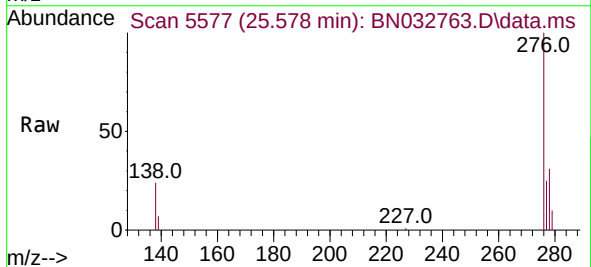
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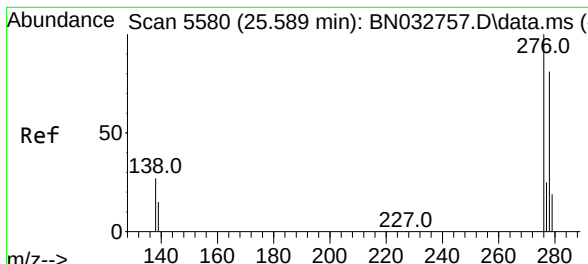
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.778 ng/ul m
RT: 25.578 min Scan# 5577
Delta R.T. -0.005 min
Lab File: BN032763.D
Acq: 17 Jul 2024 05:09

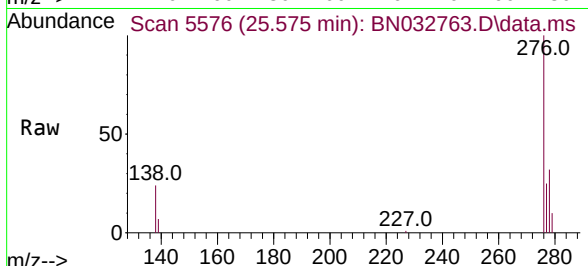
Tgt Ion:276 Resp: 732490
Ion Ratio Lower Upper
276 100
138 2.6 21.6 32.4#
227 0.3 0.0 0.0#





#28
 Dibenzo(a,h)anthracene
 Concen: 3.865 ng/ul m
 RT: 25.575 min Scan# 5576
 Delta R.T. -0.015 min
 Lab File: BN032763.D
 Acq: 17 Jul 2024 05:09

Instrument :
 BNA_N
 ClientSampleId :
 A4D51

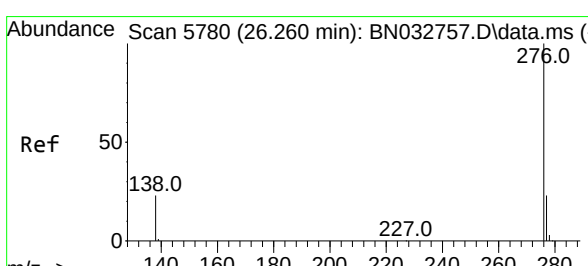
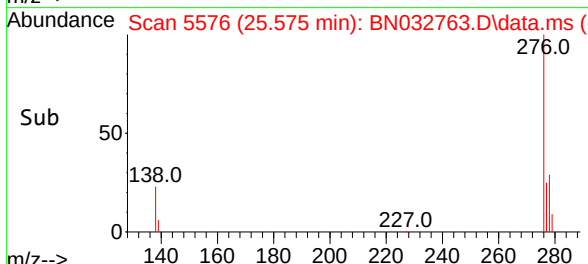
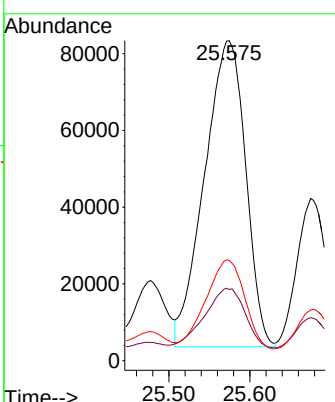


Tgt Ion:278 Resp: 282119

Ion	Ratio	Lower	Upper
278	100		
139	22.3	16.6	24.8
279	31.4	23.7	35.5

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Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#29
 Benzo(g,h,i)perylene
 Concen: 6.094 ng/ul m
 RT: 26.255 min Scan# 5779
 Delta R.T. -0.005 min
 Lab File: BN032763.D
 Acq: 17 Jul 2024 05:09

Tgt Ion:276 Resp: 479664

Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.0	31.4
277	25.7	20.6	31.0

