

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032481.D
 Acq On : 04 Jul 2024 19:22
 Operator : MA/JU
 Sample : P2964-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 A4B49

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 23:07:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	7842	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	22231	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	12125	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	23936m	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	19716m	0.400	ng/ul	0.00
23) Perylene-d12	23.424	264	24530m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	24748	2.839	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	5652	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	11944m	0.201	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.420	128	10217	0.174	ng/ul	97
7) 2-Methylnaphthalene	12.043	142	3429	0.088	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	2844	0.070	ng/ul	99
10) Acenaphthylene	13.966	152	17893	0.355	ng/ul	98
11) Acenaphthene	14.309	153	9807	0.251	ng/ul	99
12) Fluorene	15.303	166	11851	0.254	ng/ul	98
15) Phenanthrene	17.041	178	287541m	4.382	ng/ul	
16) Anthracene	17.134	178	44678m	0.763	ng/ul	
19) Fluoranthene	19.069	202	643761m	8.575	ng/ul	
20) Pyrene	19.436	202	447145m	5.699	ng/ul	
21) Benzo(a)anthracene	21.188	228	274699m	3.860	ng/ul	
22) Chrysene	21.241	228	342671m	4.387	ng/ul	
24) Benzo(b)fluoranthene	22.760	252	494049m	4.636	ng/ul	
25) Benzo(k)fluoranthene	22.798	252	166700m	1.610	ng/ul	
26) Benzo(a)pyrene	23.324	252	170322m	2.297	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	180350m	1.553	ng/ul	
28) Dibenzo(a,h)anthracene	25.660	278	63120m	0.732	ng/ul	
29) Benzo(g,h,i)perylene	26.350	276	28108m	0.304	ng/ul	

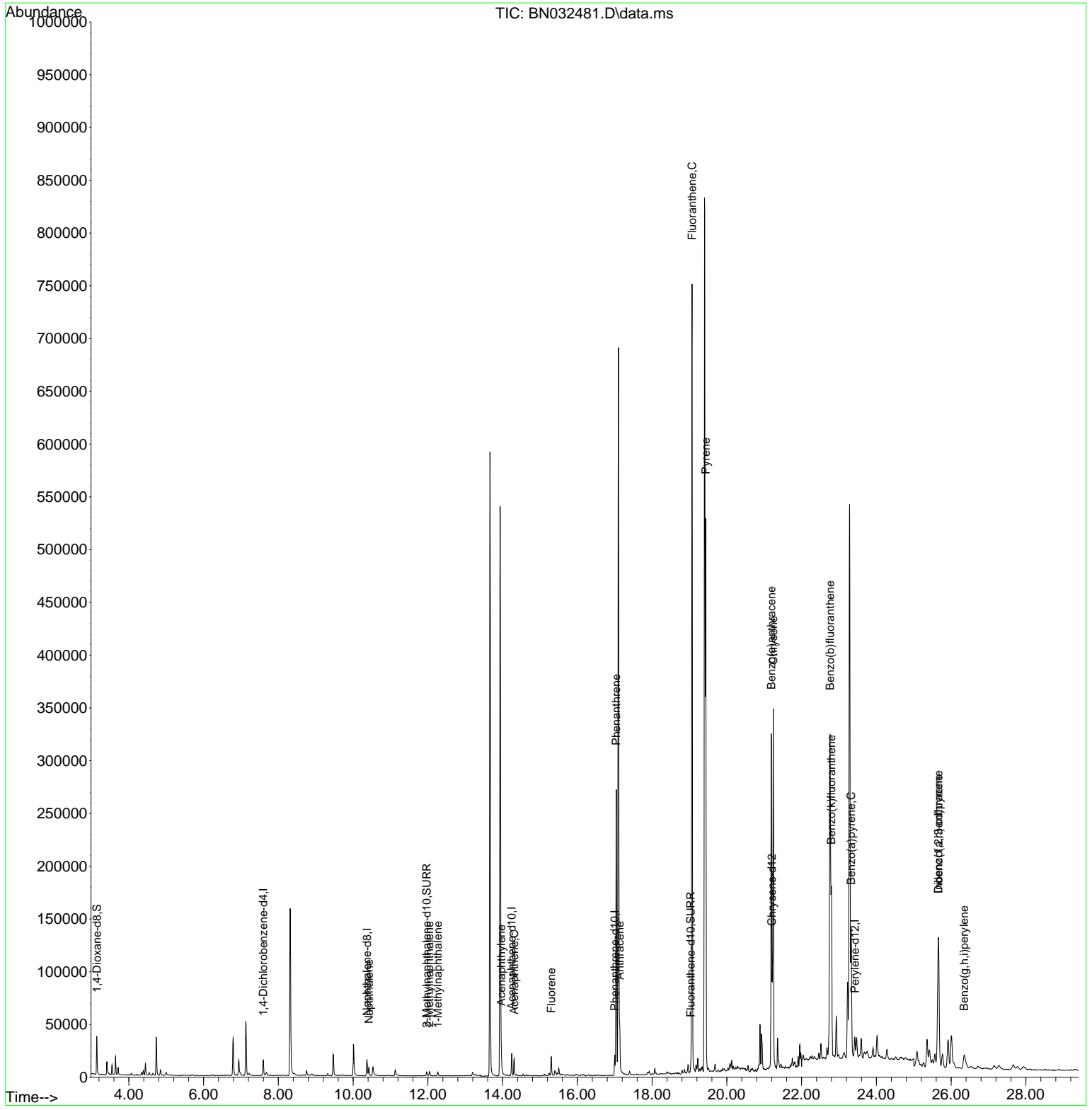
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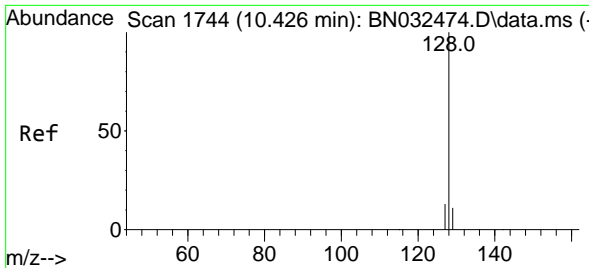
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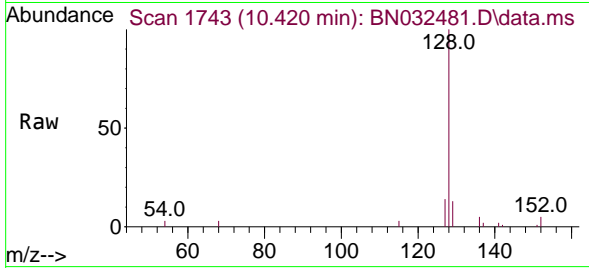
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024





#5
 Naphthalene
 Concen: 0.174 ng/uI
 RT: 10.420 min Scan# 1743
 Delta R.T. -0.011 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

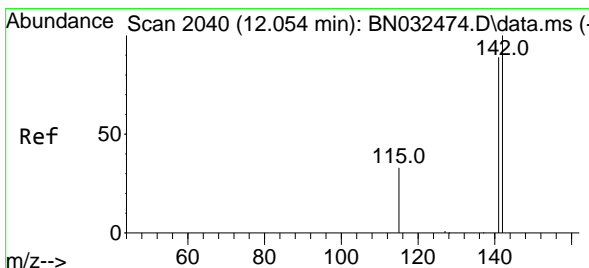
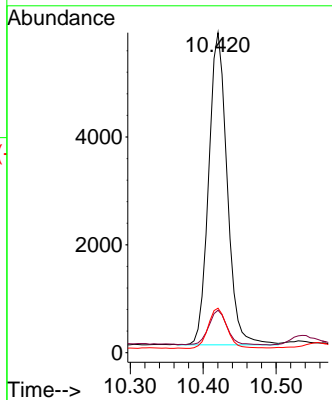
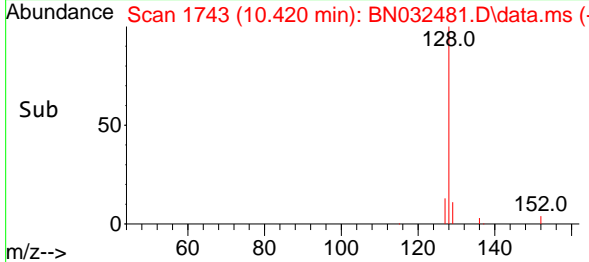
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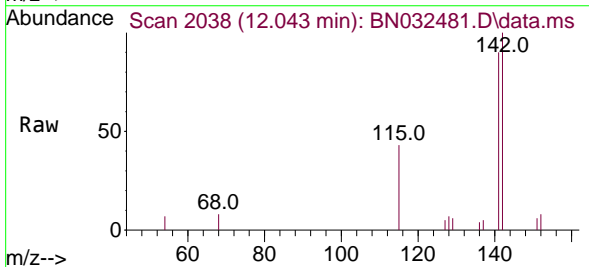
Tgt Ion:128 Resp: 1021
 Ion Ratio Lower Upper
 128 100
 129 13.3 9.2 13.8
 127 13.9 10.8 16.2

Manual Integrations
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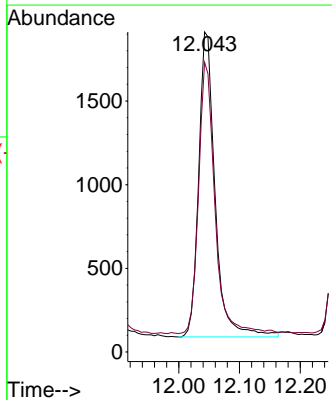
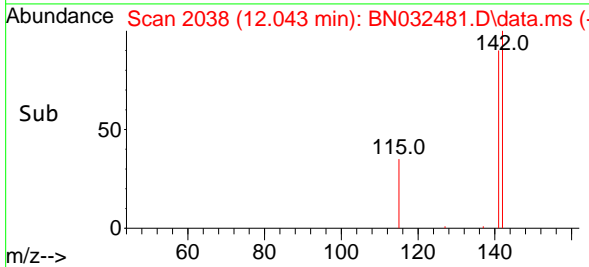
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

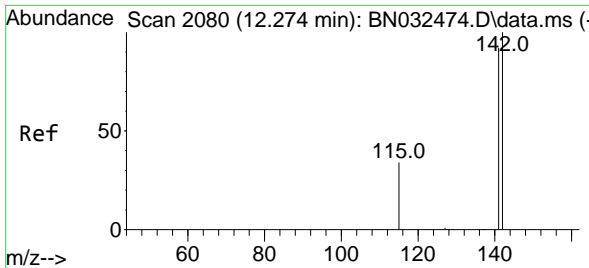


#7
 2-Methylnaphthalene
 Concen: 0.088 ng/uI
 RT: 12.043 min Scan# 2038
 Delta R.T. -0.011 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22



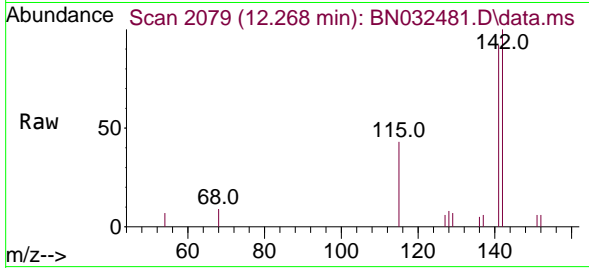
Tgt Ion:142 Resp: 3429
 Ion Ratio Lower Upper
 142 100
 141 87.9 72.2 108.2





#8
 1-Methylnaphthalene
 Concen: 0.070 ng/u1
 RT: 12.268 min Scan# 2080
 Delta R.T. -0.006 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

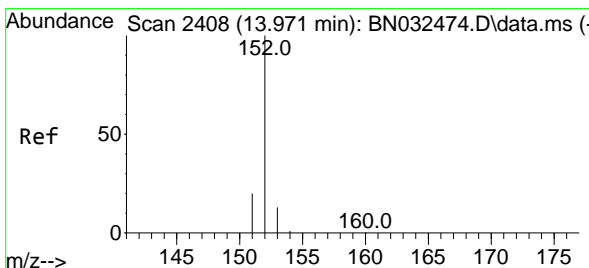
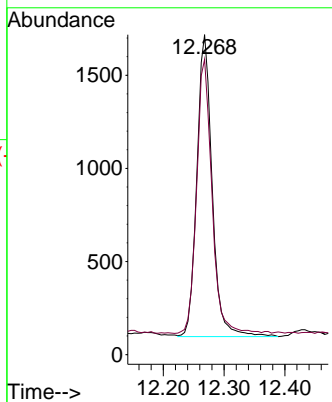
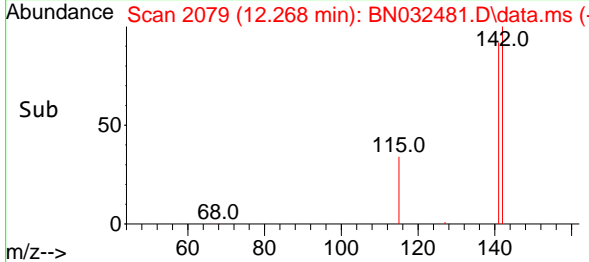
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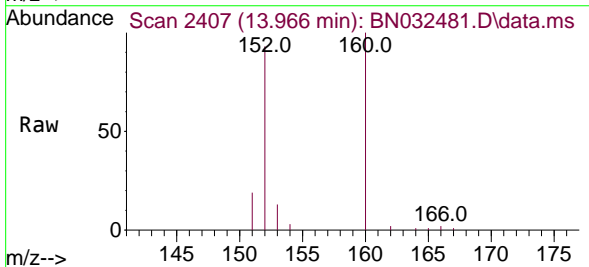
Tgt Ion:142 Resp: 2844
 Ion Ratio Lower Upper
 142 100
 141 90.3 73.4 110.0

Manual Integrations
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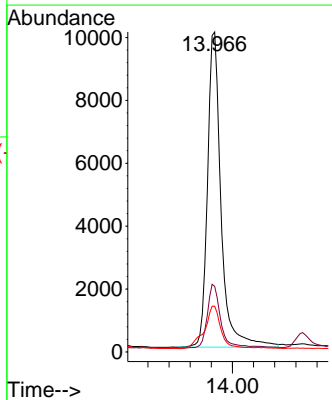
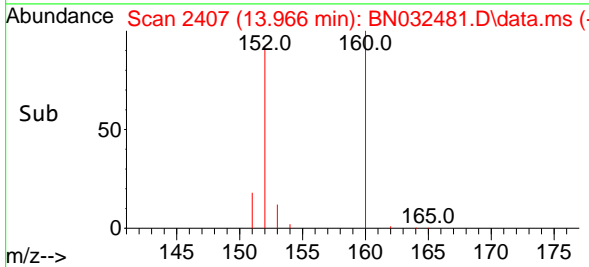
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

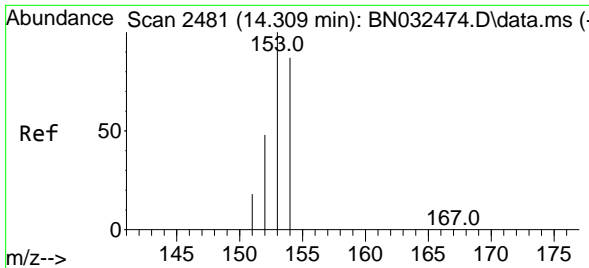


#10
 Acenaphthylene
 Concen: 0.355 ng/u1
 RT: 13.966 min Scan# 2407
 Delta R.T. -0.005 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22



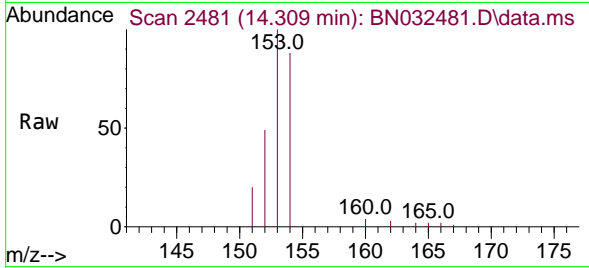
Tgt Ion:152 Resp: 17893
 Ion Ratio Lower Upper
 152 100
 151 20.5 15.7 23.5
 153 14.3 10.9 16.3





#11
 Acenaphthene
 Concen: 0.251 ng/u1
 RT: 14.309 min Scan# 2481
 Delta R.T. -0.005 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

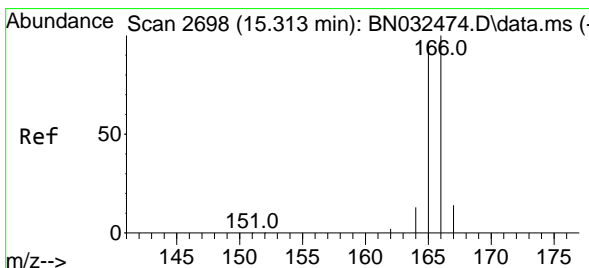
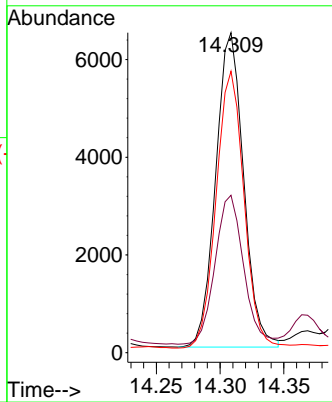
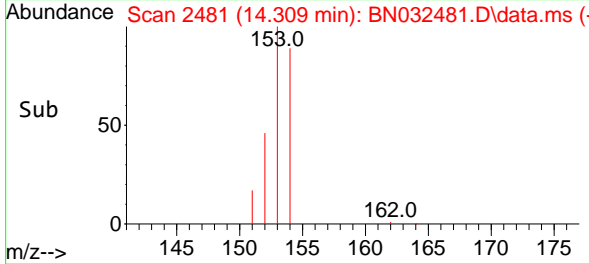
Instrument :
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 A4B49



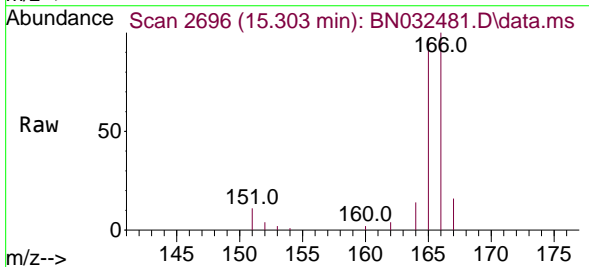
Tgt Ion:153 Resp: 980
 Ion Ratio Lower Upper
 153 100
 152 49.2 39.5 59.3
 154 87.9 71.7 107.5

Manual Integrations
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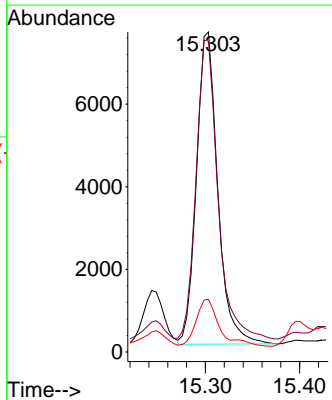
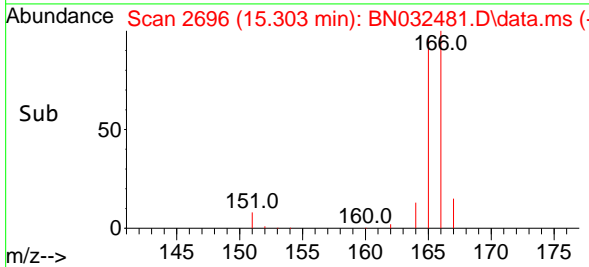
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

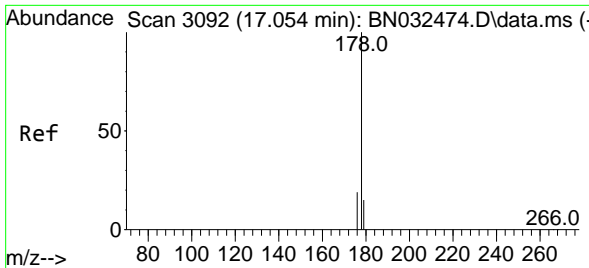


#12
 Fluorene
 Concen: 0.254 ng/u1
 RT: 15.303 min Scan# 2696
 Delta R.T. -0.009 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22



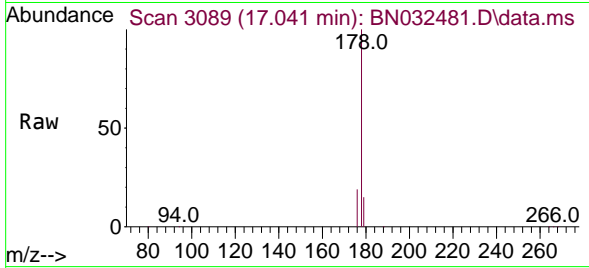
Tgt Ion:166 Resp: 11851
 Ion Ratio Lower Upper
 166 100
 165 97.1 79.0 118.6
 167 16.5 11.0 16.6





#15
 Phenanthrene
 Concen: 4.382 ng/ul m
 RT: 17.041 min Scan# 3092
 Delta R.T. -0.009 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

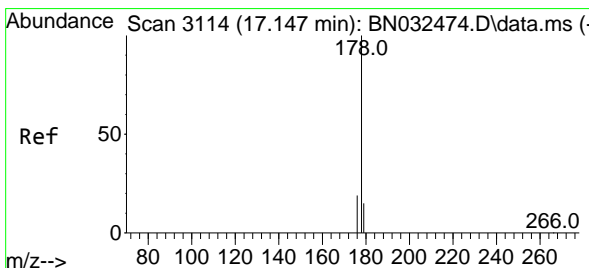
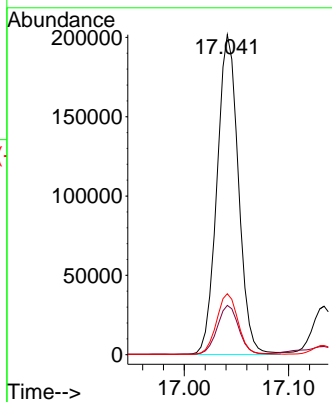
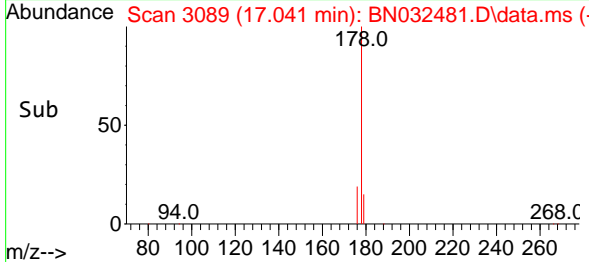
Instrument : BNA_N
 Client Sample Id : A4B49



Tgt Ion:178 Resp: 28754
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.6 18.8
 176 19.0 15.6 23.4

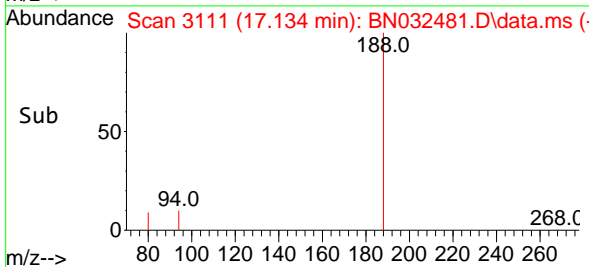
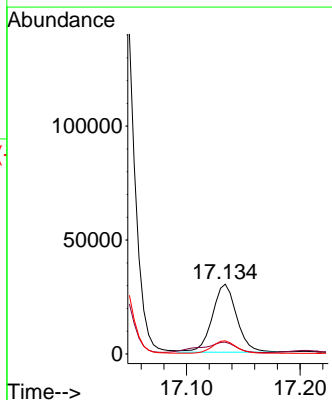
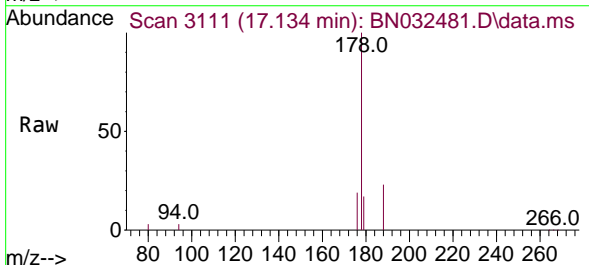
Manual Integrations
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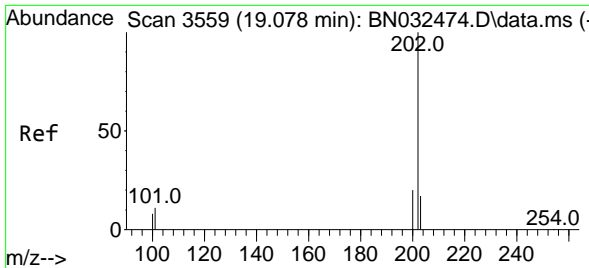
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#16
 Anthracene
 Concen: 0.763 ng/ul m
 RT: 17.134 min Scan# 3111
 Delta R.T. -0.009 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

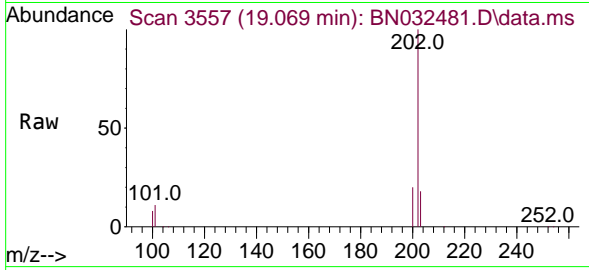
Tgt Ion:178 Resp: 44678
 Ion Ratio Lower Upper
 178 100
 179 16.9 12.5 18.7
 176 18.8 15.0 22.6





#19
 Fluoranthene
 Concen: 8.575 ng/ul m
 RT: 19.069 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

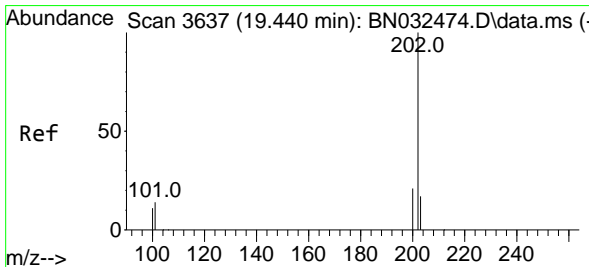
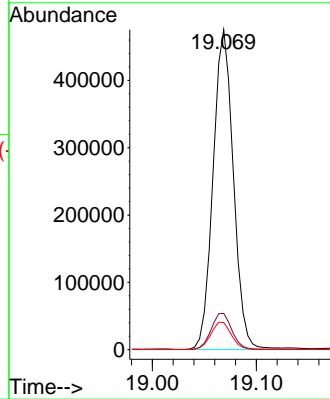
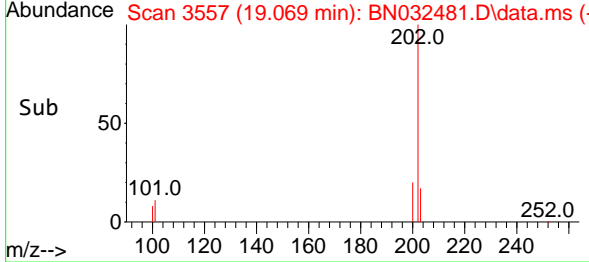
Instrument :
 BNA_N
 ClientSampleId :
 A4B49



Tgt Ion:202 Resp: 64376
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.8 13.2
 100 8.5 6.4 9.6

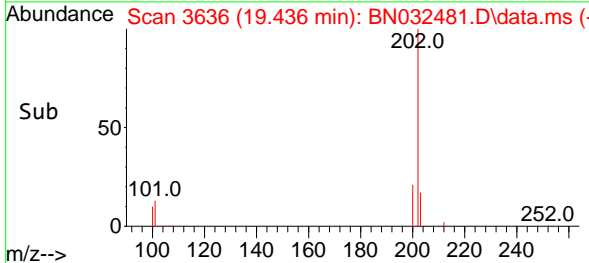
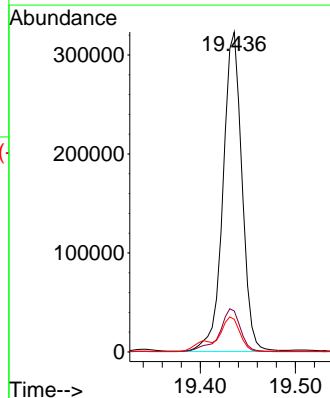
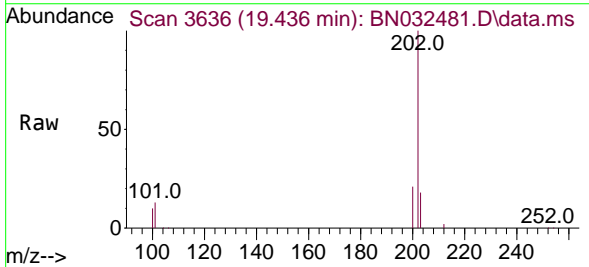
Manual Integrations
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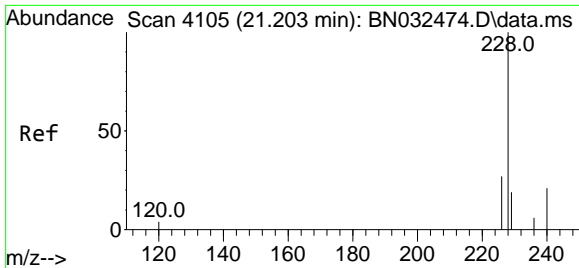
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#20
 Pyrene
 Concen: 5.699 ng/ul m
 RT: 19.436 min Scan# 3636
 Delta R.T. -0.005 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

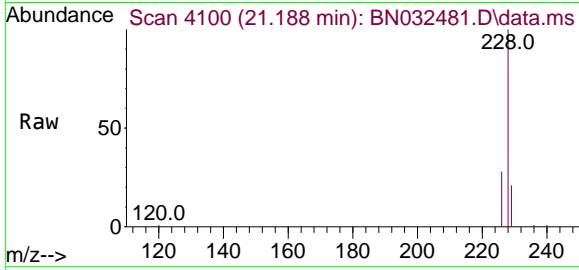
Tgt Ion:202 Resp: 447145
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.0 16.4
 100 10.2 8.7 13.1





#21
 Benzo(a)anthracene
 Concen: 3.860 ng/ul m
 RT: 21.188 min Scan# 4118
 Delta R.T. -0.003 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

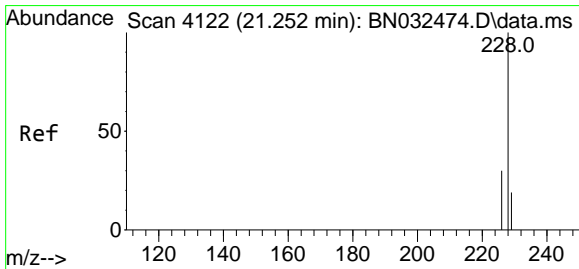
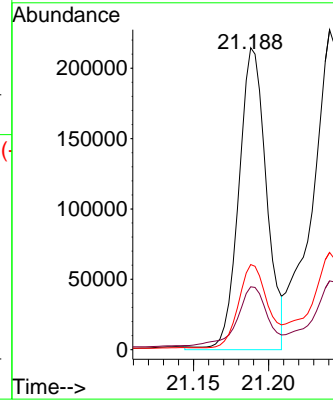
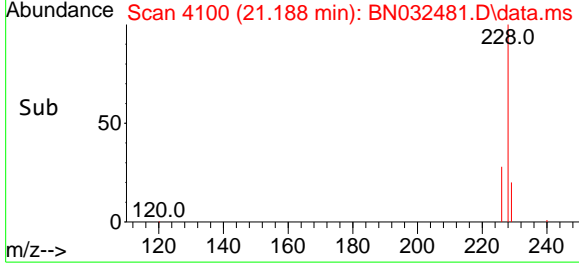
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Tgt Ion:228 Resp: 274699
 Ion Ratio Lower Upper
 228 100
 229 20.8 15.7 23.5
 226 28.2 21.8 32.8

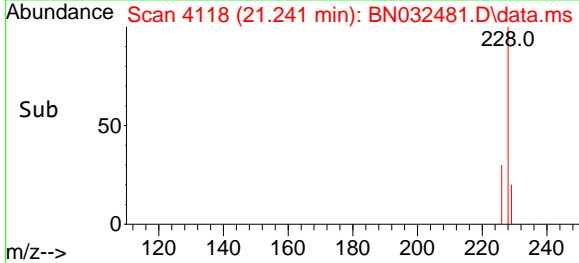
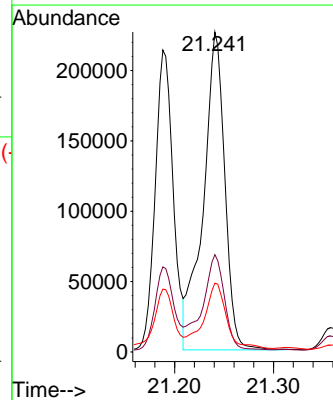
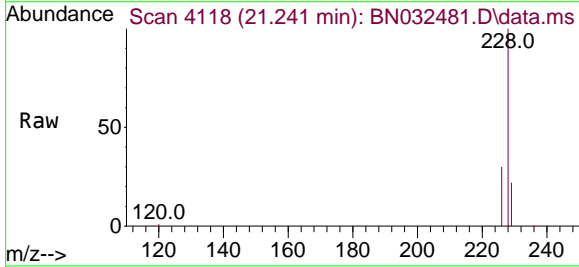
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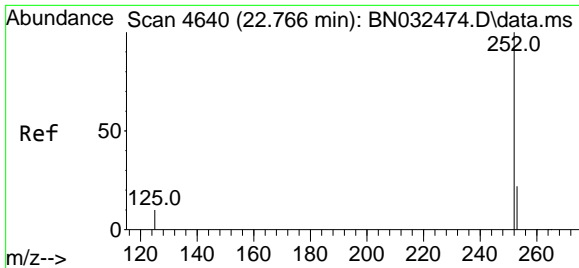
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#22
 Chrysene
 Concen: 4.387 ng/ul m
 RT: 21.241 min Scan# 4118
 Delta R.T. -0.003 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

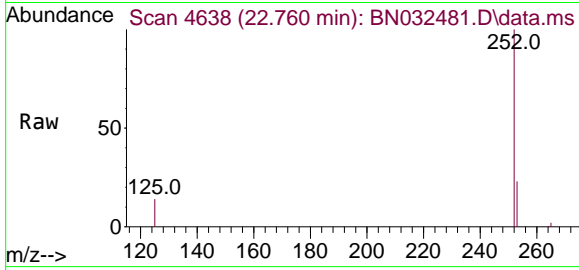
Tgt Ion:228 Resp: 342671
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.6 35.4
 229 21.5 15.7 23.5





#24
 Benzo(b)fluoranthene
 Concen: 4.636 ng/ul m
 RT: 22.760 min Scan# 4638
 Delta R.T. 0.003 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

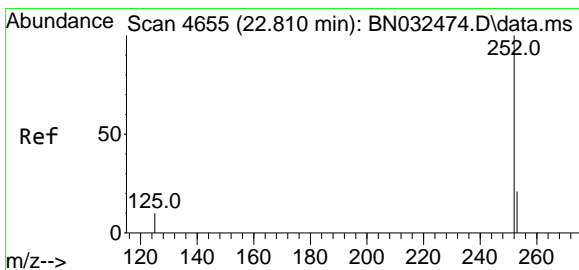
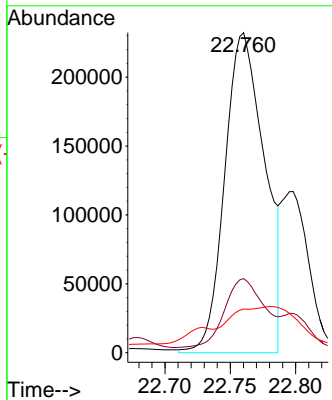
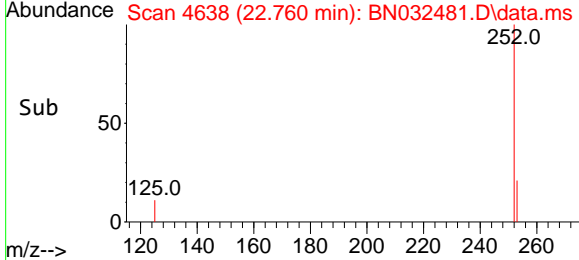
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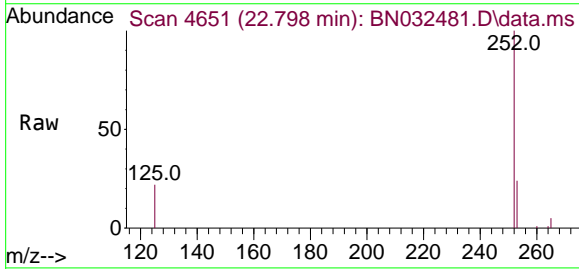
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 Ion Ratio Lower Upper
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 125 13.6 0.0 32.0

Manual Integrations
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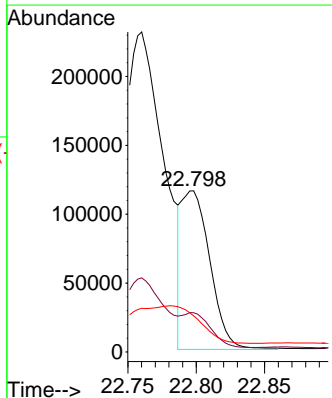
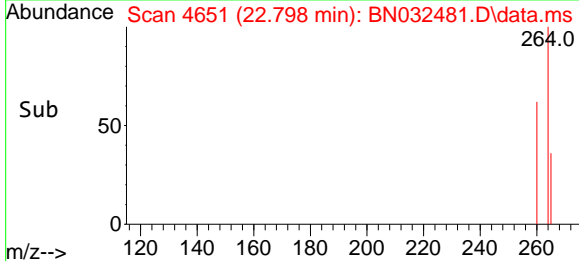
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

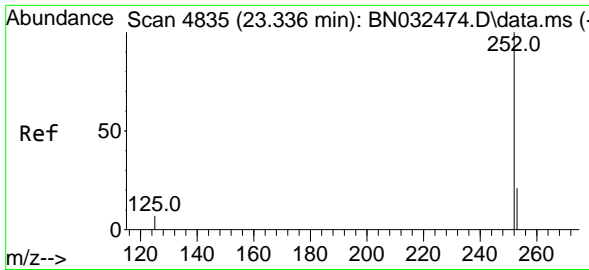


#25
 Benzo(k)fluoranthene
 Concen: 1.610 ng/ul m
 RT: 22.798 min Scan# 4651
 Delta R.T. -0.003 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22



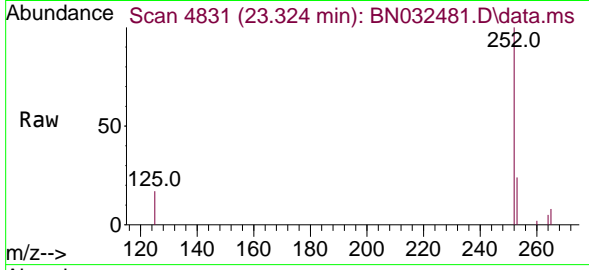
Tgt Ion:252 Resp: 166700
 Ion Ratio Lower Upper
 252 100
 253 24.3 20.3 30.5
 125 22.4 12.8 19.2#





#26
 Benzo(a)pyrene
 Concen: 2.297 ng/ul m
 RT: 23.324 min Scan# 4831
 Delta R.T. -0.003 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

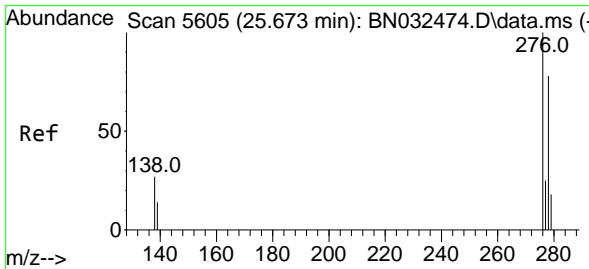
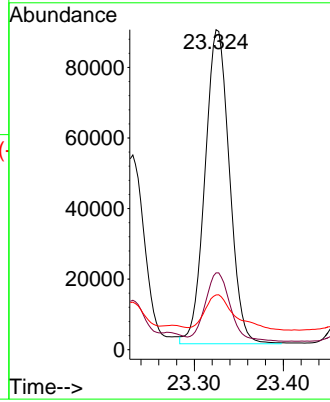
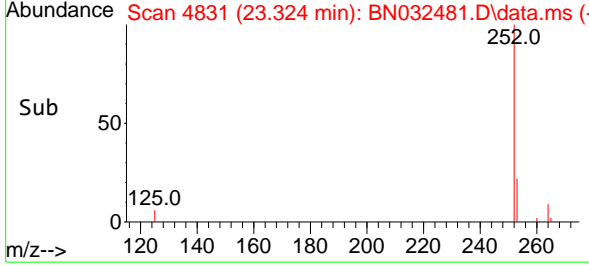
Instrument :
 BNA_N
 ClientSampleId :
 A4B49



Tgt Ion:252 Resp: 17032
 Ion Ratio Lower Upper
 252 100
 253 24.0 22.2 33.2
 125 17.1 16.4 24.6

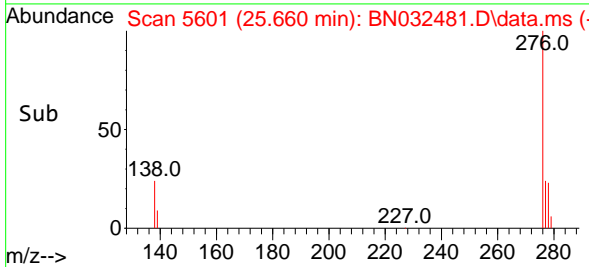
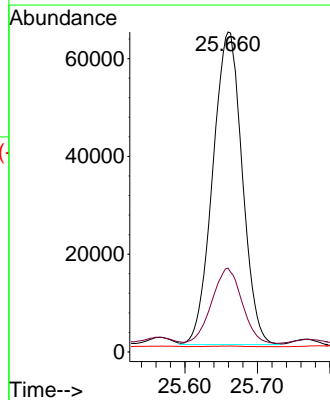
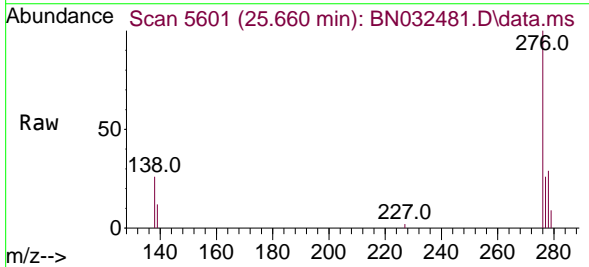
Manual Integrations
 APPROVED

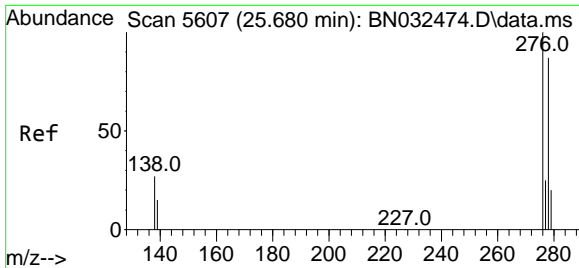
Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.553 ng/ul m
 RT: 25.660 min Scan# 5601
 Delta R.T. -0.000 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

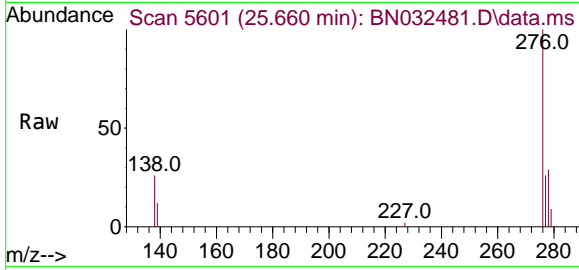
Tgt Ion:276 Resp: 180350
 Ion Ratio Lower Upper
 276 100
 138 3.4 21.3 31.9#
 227 0.0 0.1 0.1#





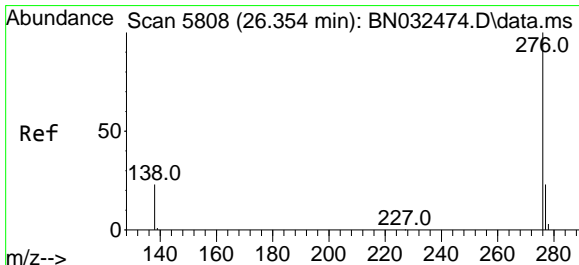
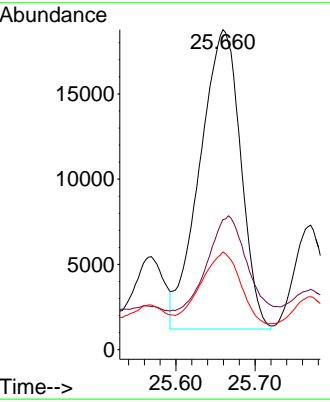
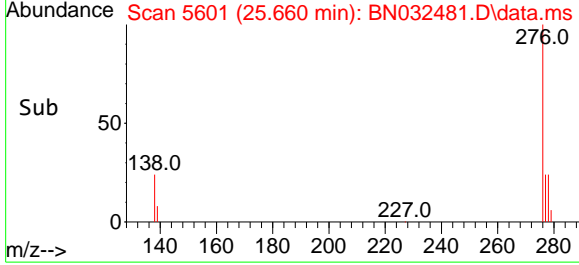
#28
 Dibenzo(a,h)anthracene
 Concen: 0.732 ng/ul m
 RT: 25.660 min Scan# 5000
 Delta R.T. -0.007 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22

Instrument : BNA_N
 ClientSampleId : A4B49

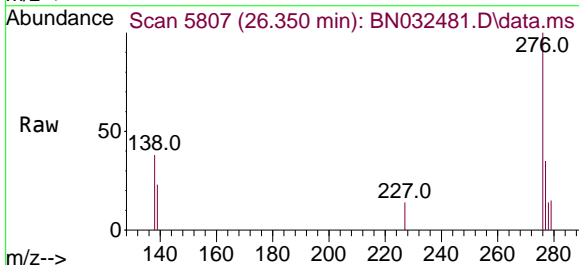


Tgt Ion:278 Resp: 63120
 Ion Ratio Lower Upper
 278 100
 139 40.7 15.9 23.9#
 279 30.6 21.1 31.7

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.304 ng/ul m
 RT: 26.350 min Scan# 5807
 Delta R.T. 0.007 min
 Lab File: BN032481.D
 Acq: 04 Jul 2024 19:22



Tgt Ion:276 Resp: 28108
 Ion Ratio Lower Upper
 276 100
 138 38.1 19.8 29.6#
 277 35.0 19.8 29.6#

