

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035008.D
 Acq On : 11 Nov 2024 17:01
 Operator : RC/JU
 Sample : P4636-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0Q4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 11 17:43:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.562	152	2973	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	7656	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	5094	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	10670	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.143	240	10004	0.400	ng/ul	# 0.00
23) Perylene-d12	23.308	264	11649	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	3345	1.182	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	948	0.081	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	2530	0.098	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.377	128	3704	0.193	ng/ul	98
7) 2-Methylnaphthalene	12.000	142	2979	0.208	ng/ul	98
8) 1-Methylnaphthalene	12.220	142	1301	0.091	ng/ul	99
10) Acenaphthylene	13.912	152	619	0.030	ng/ul#	72
11) Acenaphthene	14.259	153	546	0.035	ng/ul	95
12) Fluorene	15.254	166	1079	0.054	ng/ul#	95
15) Phenanthrene	16.988	178	31409	1.102	ng/ul	99
16) Anthracene	17.076	178	5997	0.224	ng/ul	97
19) Fluoranthene	19.010	202	67163	2.009	ng/ul#	97
20) Pyrene	19.372	202	38474	1.110	ng/ul#	96
21) Benzo(a)anthracene	21.125	228	29495	0.814	ng/ul	97
22) Chrysene	21.178	228	31758m	0.859	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	38028m	0.928	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	12907m	0.301	ng/ul	
26) Benzo(a)pyrene	23.212	252	9956	0.272	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.460	276	9639	0.215	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.467	278	4493	0.129	ng/ul#	61
29) Benzo(g,h,i)perylene	26.114	276	1551	0.045	ng/ul#	38

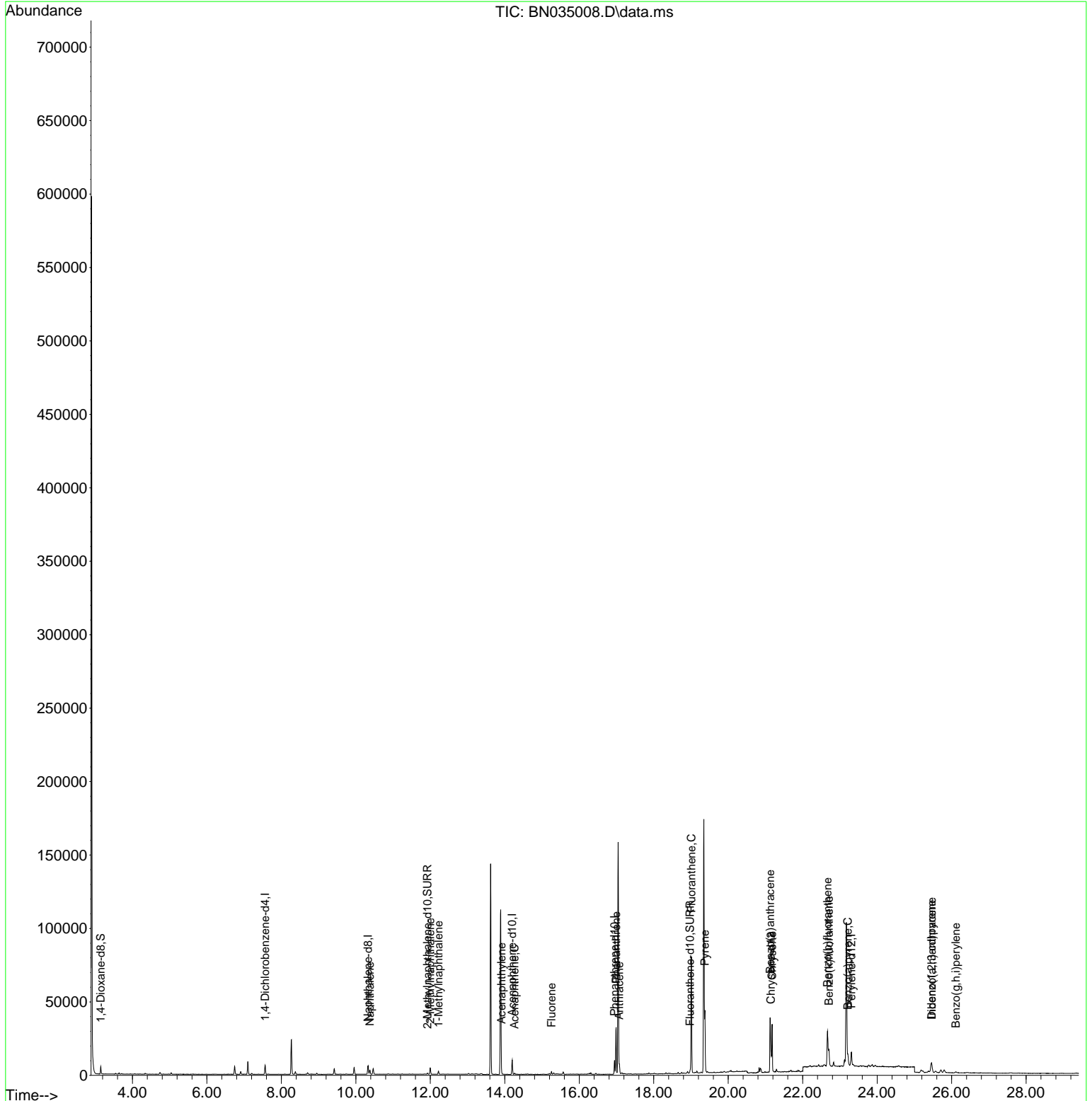
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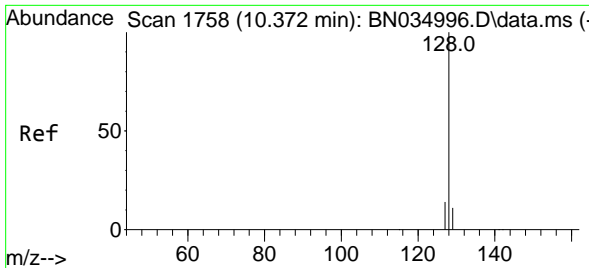
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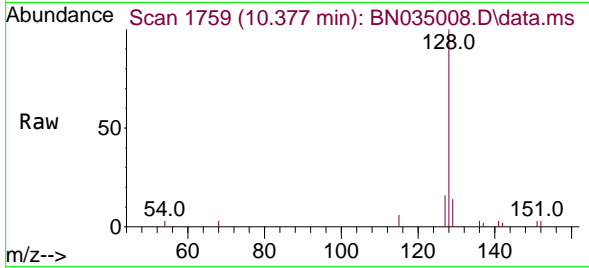
#5
 Naphthalene
 Concen: 0.193 ng/u1
 RT: 10.377 min Scan# 1759
 Delta R.T. -0.011 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01

Instrument :

BNA_N

ClientSampleId :

CC0Q4



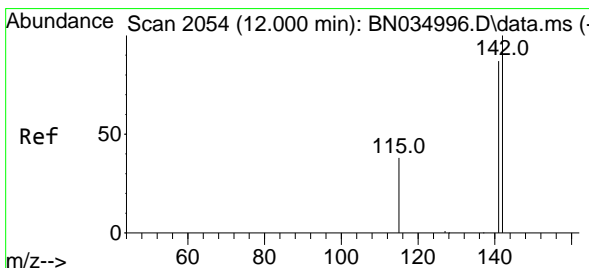
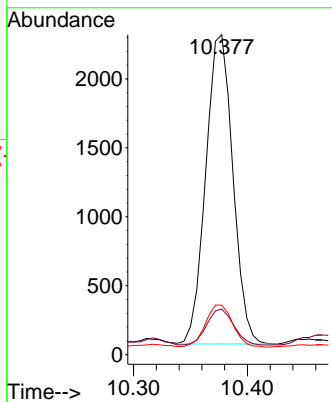
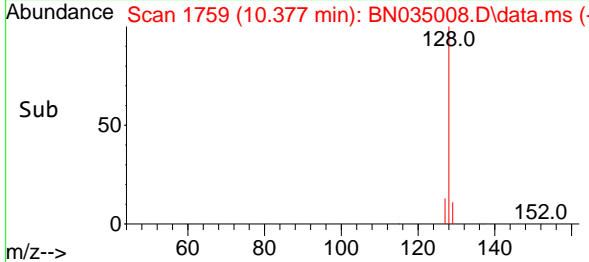
Tgt Ion:128 Resp: 3704
 Ion Ratio Lower Upper
 128 100
 129 14.2 10.1 15.1
 127 15.5 12.1 18.1

Manual Integrations

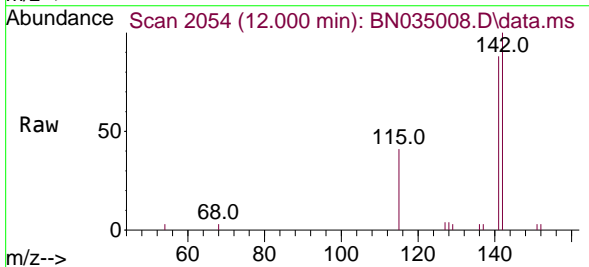
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Reviewed By :Yogesh Patel 11/12/2024

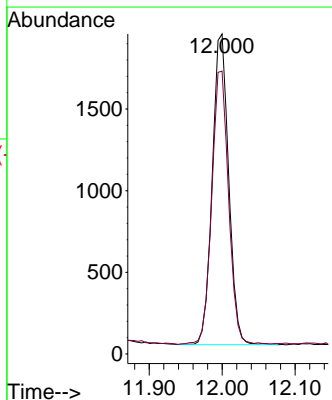
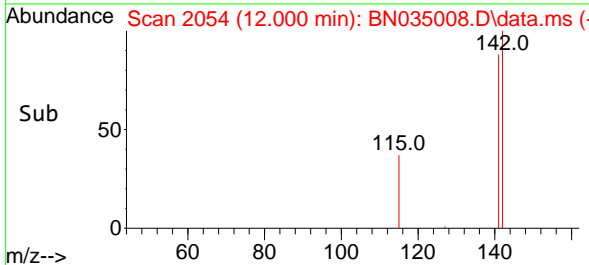
Supervised By :mohammad ahmed 11/14/2024

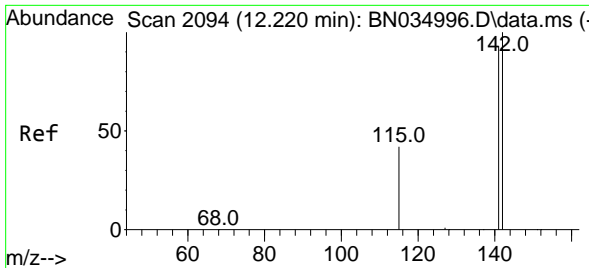


#7
 2-Methylnaphthalene
 Concen: 0.208 ng/u1
 RT: 12.000 min Scan# 2054
 Delta R.T. -0.011 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01



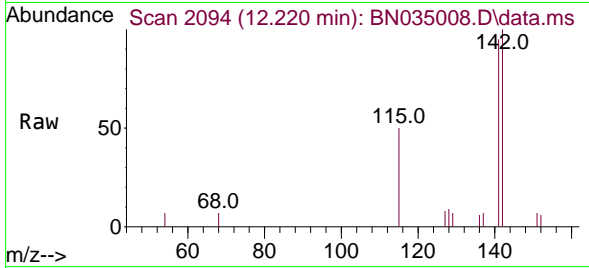
Tgt Ion:142 Resp: 2979
 Ion Ratio Lower Upper
 142 100
 141 90.1 70.8 106.2





#8
 1-Methylnaphthalene
 Concen: 0.091 ng/uI
 RT: 12.220 min Scan# 2094
 Delta R.T. -0.011 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01

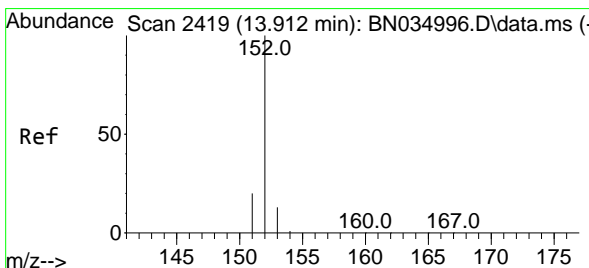
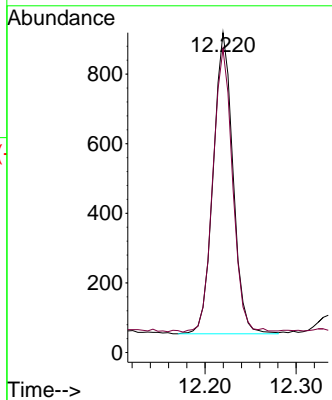
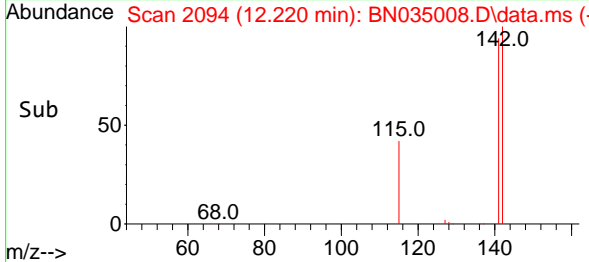
Instrument :
 BNA_N
 ClientSampleId :
 CC0Q4



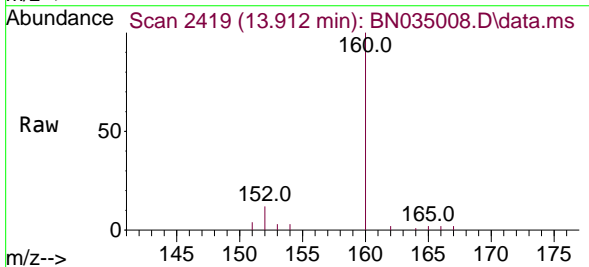
Tgt Ion:142 Resp: 1300
 Ion Ratio Lower Upper
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 141 94.0 74.6 111.8

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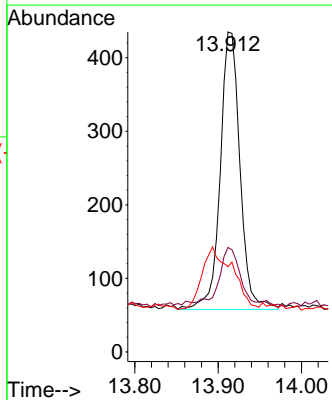
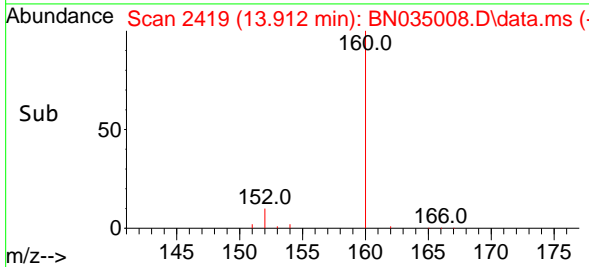
Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/14/2024

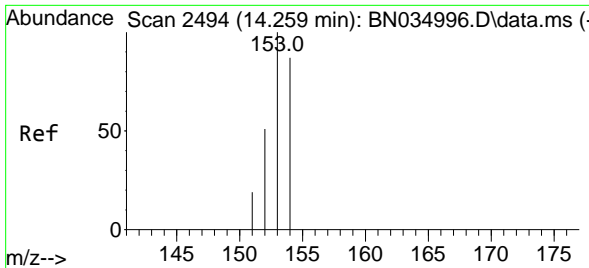


#10
 Acenaphthylene
 Concen: 0.030 ng/uI
 RT: 13.912 min Scan# 2419
 Delta R.T. -0.014 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01



Tgt Ion:152 Resp: 619
 Ion Ratio Lower Upper
 152 100
 151 32.6 16.6 24.8#
 153 26.7 11.0 16.6#





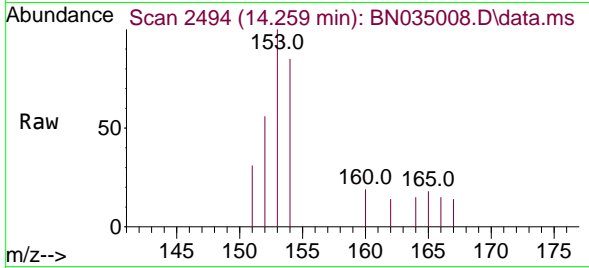
#11
 Acenaphthene
 Concen: 0.035 ng/u1
 RT: 14.259 min Scan# 2494
 Delta R.T. -0.014 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01

Instrument :

BNA_N

ClientSampleId :

CC0Q4



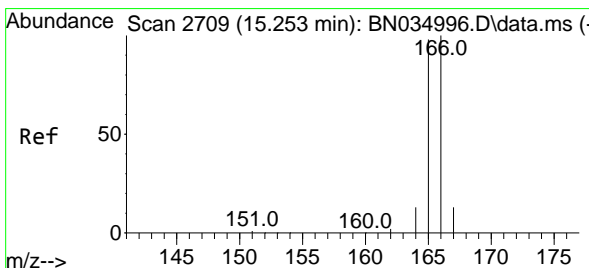
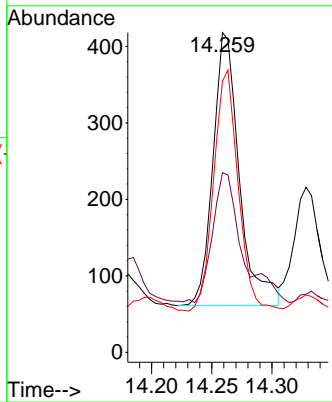
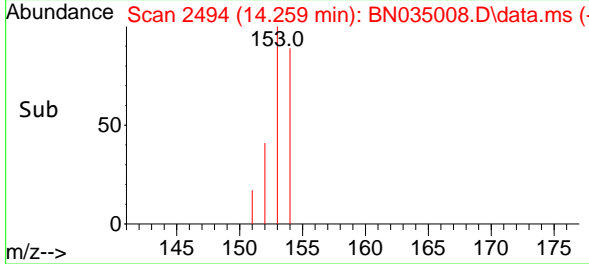
Tgt Ion:153 Resp: 540
 Ion Ratio Lower Upper
 153 100
 152 56.2 41.5 62.3
 154 84.9 70.9 106.3

Manual Integrations

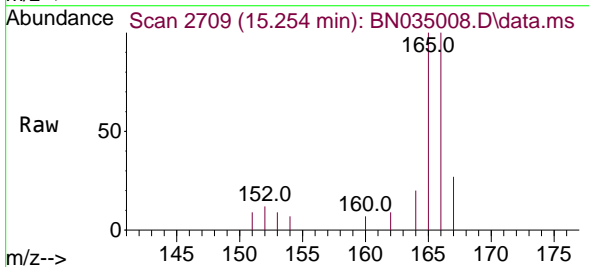
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Reviewed By :Yogesh Patel 11/12/2024

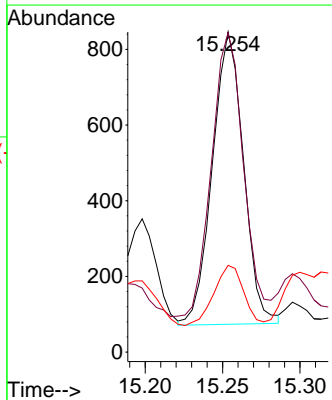
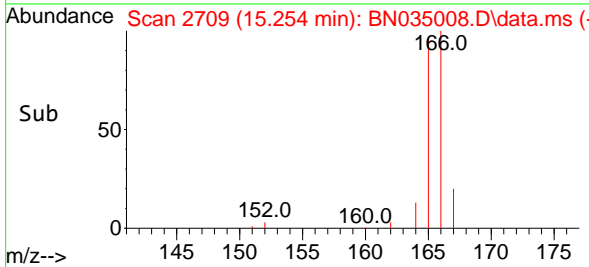
Supervised By :mohammad ahmed 11/14/2024

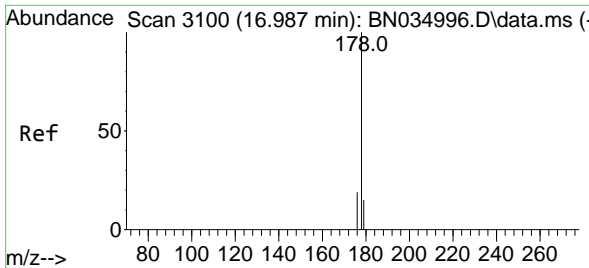


#12
 Fluorene
 Concen: 0.054 ng/u1
 RT: 15.254 min Scan# 2709
 Delta R.T. -0.009 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01



Tgt Ion:166 Resp: 1079
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.0 118.4
 167 27.1 11.8 17.6#





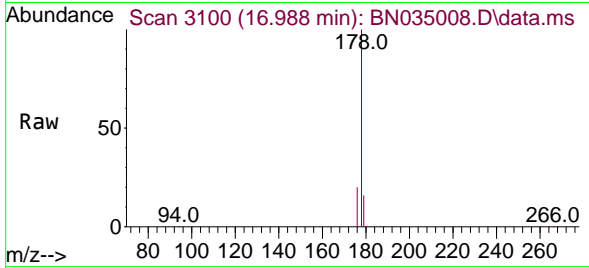
#15
 Phenanthrene
 Concen: 1.102 ng/u1
 RT: 16.988 min Scan# 3100
 Delta R.T. -0.008 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01

Instrument :

BNA_N

ClientSampleId :

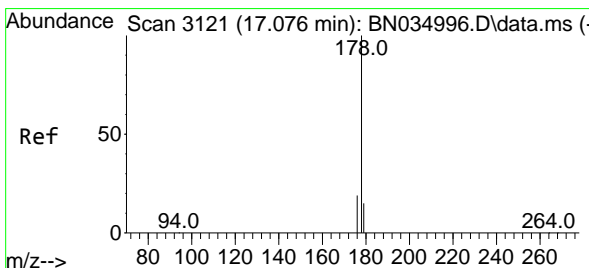
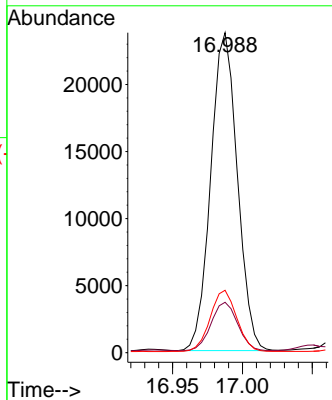
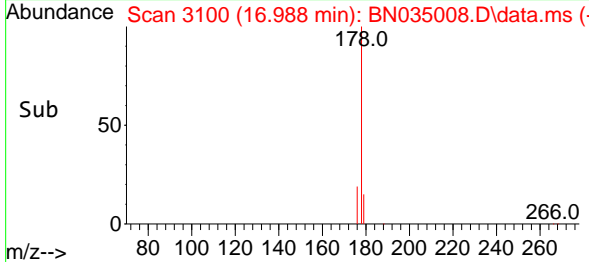
CC0Q4



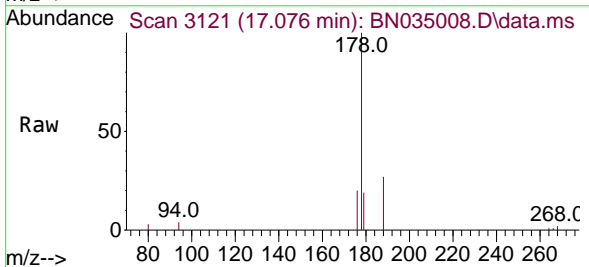
Tgt Ion:178 Resp: 31409
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.4 20.2
 176 19.5 15.8 23.6

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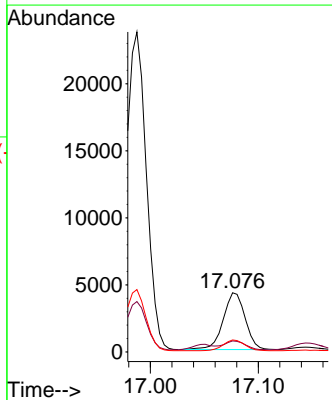
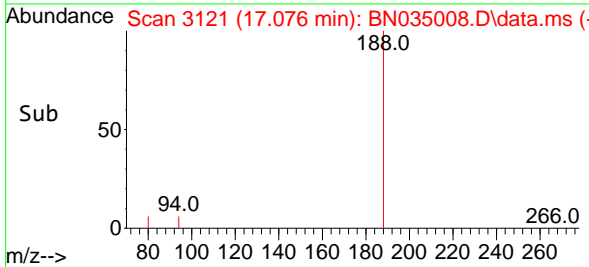
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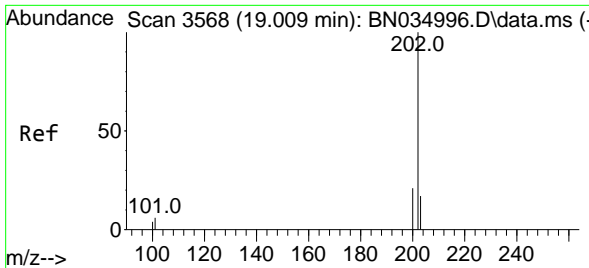


#16
 Anthracene
 Concen: 0.224 ng/u1
 RT: 17.076 min Scan# 3121
 Delta R.T. -0.008 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01



Tgt Ion:178 Resp: 5997
 Ion Ratio Lower Upper
 178 100
 179 18.7 13.3 19.9
 176 20.3 15.8 23.8





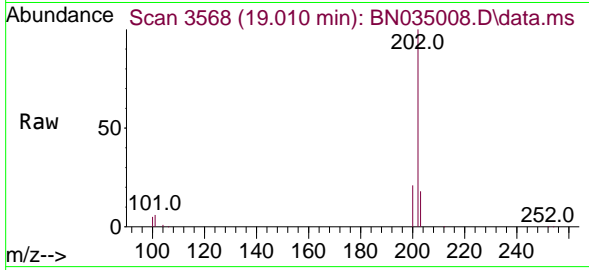
#19
 Fluoranthene
 Concen: 2.009 ng/u/l
 RT: 19.010 min Scan# 3568
 Delta R.T. -0.009 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01

Instrument :

BNA_N

Client SampleId :

CC0Q4



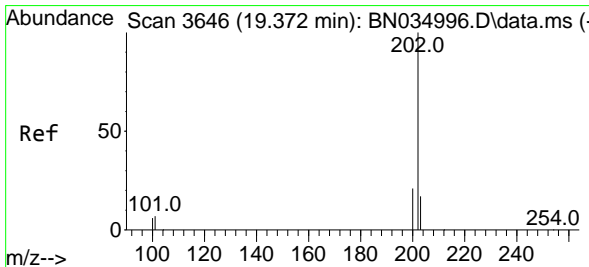
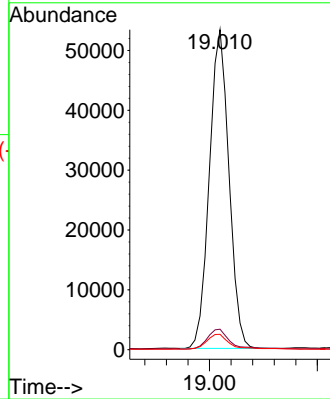
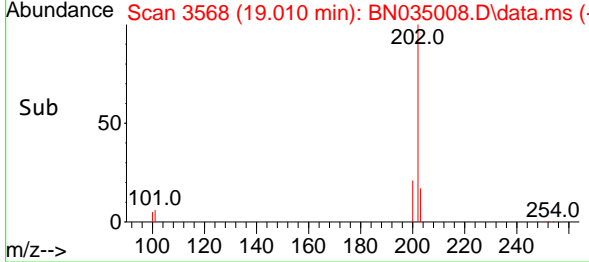
Tgt Ion:202 Resp: 6716
 Ion Ratio Lower Upper
 202 100
 101 6.4 4.2 6.2#
 100 4.8 3.2 4.8

Manual Integrations

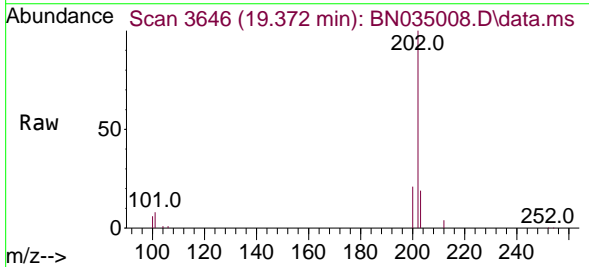
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Reviewed By :Yogesh Patel 11/12/2024

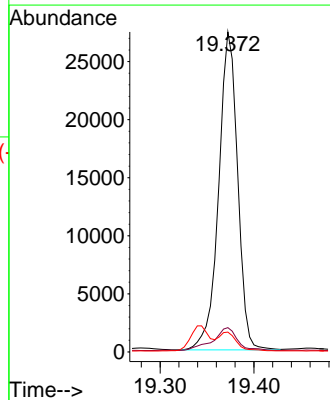
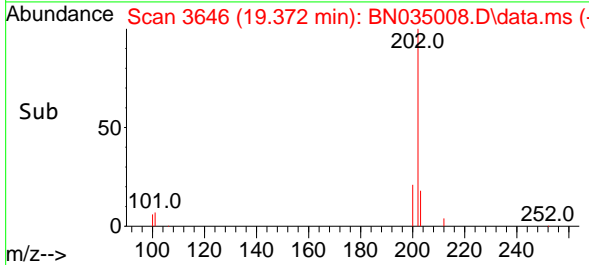
Supervised By :mohammad ahmed 11/14/2024

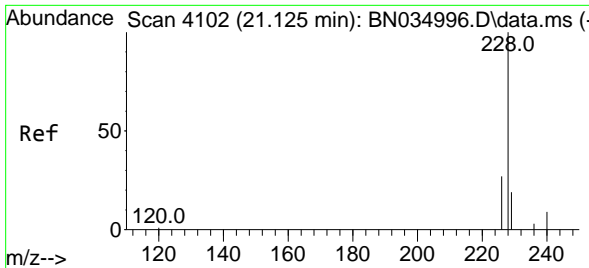


#20
 Pyrene
 Concen: 1.110 ng/u/l
 RT: 19.372 min Scan# 3646
 Delta R.T. -0.009 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01



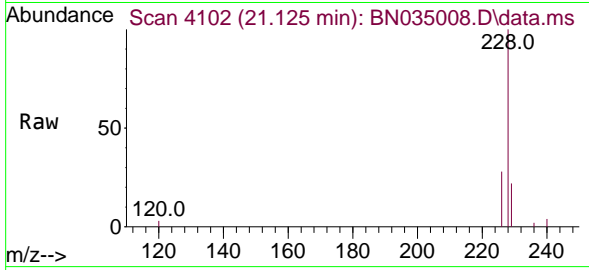
Tgt Ion:202 Resp: 38474
 Ion Ratio Lower Upper
 202 100
 101 7.6 5.0 7.4#
 100 6.2 4.1 6.1#





#21
 Benzo(a)anthracene
 Concen: 0.814 ng/u/l
 RT: 21.125 min Scan# 4110
 Delta R.T. -0.005 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01

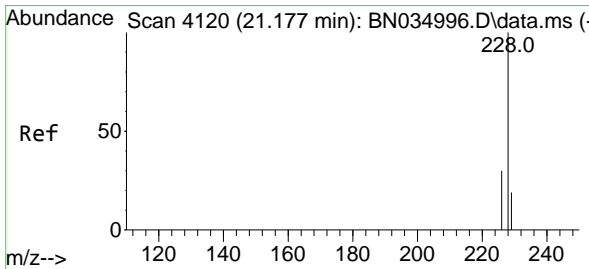
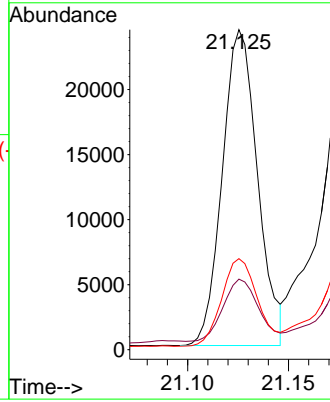
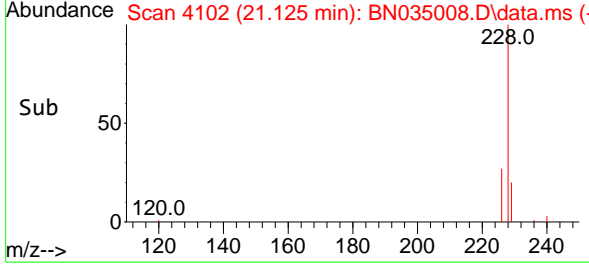
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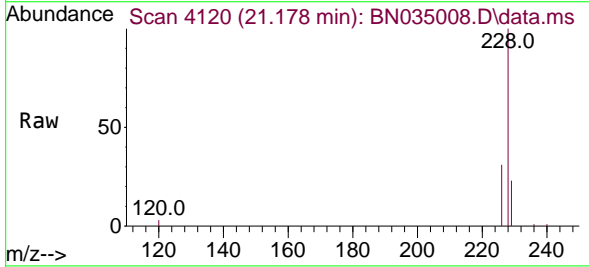
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 Ion Ratio Lower Upper
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 229 22.1 15.8 23.8
 226 28.4 22.2 33.2

Manual Integrations
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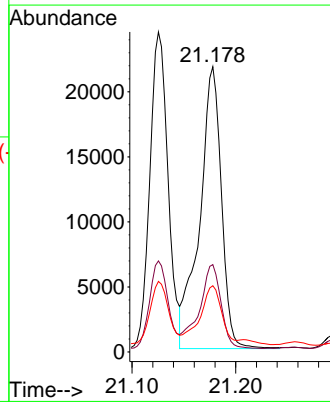
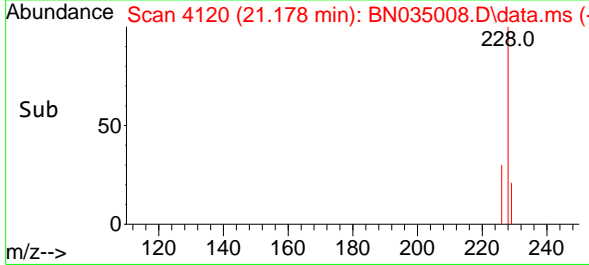
Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/14/2024

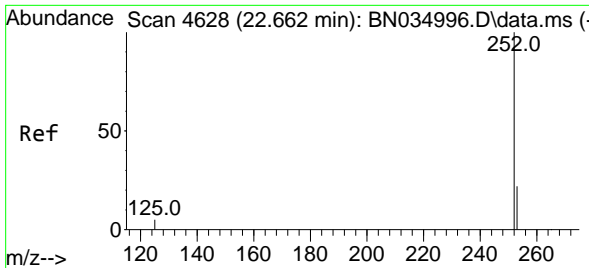


#22
 Chrysene
 Concen: 0.859 ng/u/l m
 RT: 21.178 min Scan# 4120
 Delta R.T. -0.005 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01



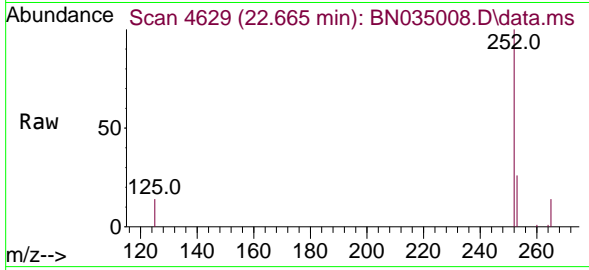
Tgt Ion:228 Resp: 31758
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.4
 229 23.2 15.4 23.2#





#24
 Benzo(b)fluoranthene
 Concen: 0.928 ng/ul m
 RT: 22.665 min Scan# 4629
 Delta R.T. -0.005 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01

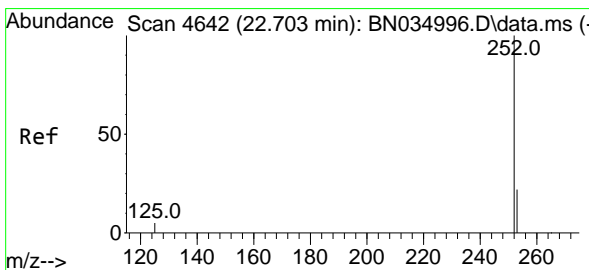
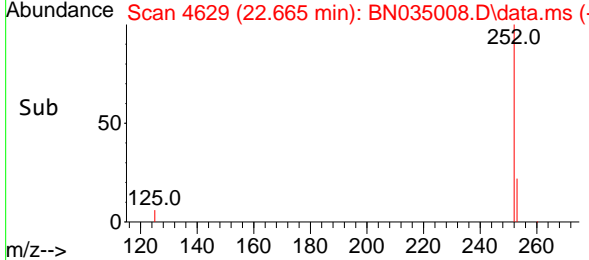
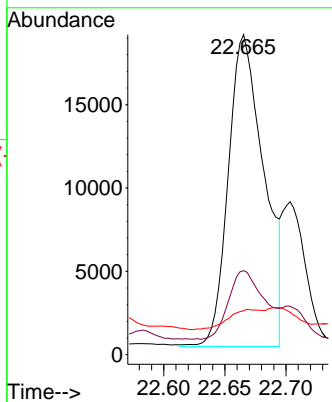
Instrument :
 BNA_N
ClientSampleId :
 CC0Q4



Tgt Ion:252 Resp: 3802
 Ion Ratio Lower Upper
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 253 26.2 0.0 50.0
 125 13.8 0.0 14.0

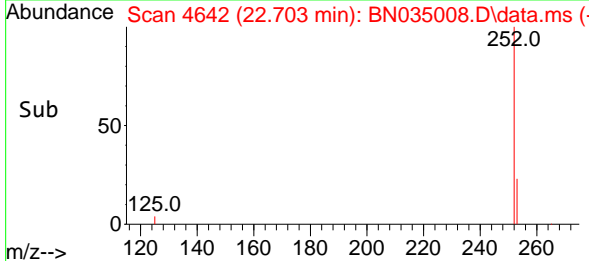
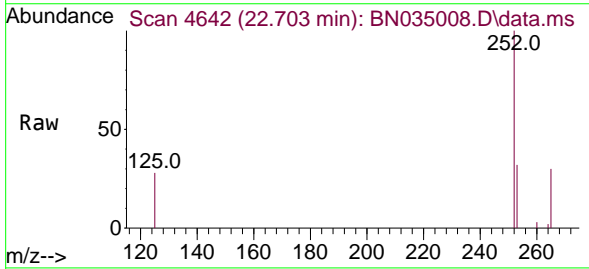
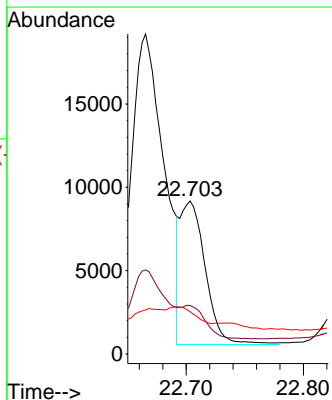
Manual Integrations
APPROVED

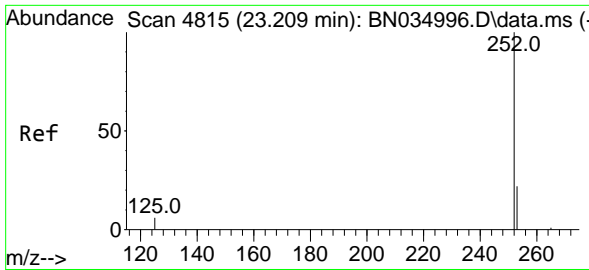
Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/14/2024



#25
 Benzo(k)fluoranthene
 Concen: 0.301 ng/ul m
 RT: 22.703 min Scan# 4642
 Delta R.T. -0.008 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01

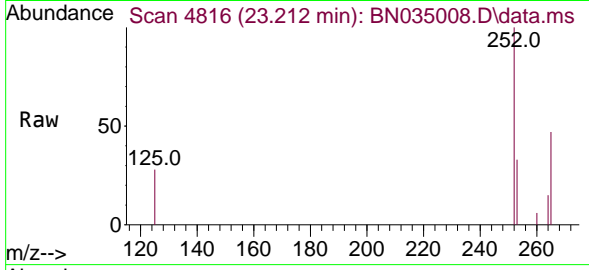
Tgt Ion:252 Resp: 12907
 Ion Ratio Lower Upper
 252 100
 253 31.7 20.2 30.4#
 125 27.7 5.8 8.8#





#26
 Benzo(a)pyrene
 Concen: 0.272 ng/u1
 RT: 23.212 min Scan# 4816
 Delta R.T. -0.005 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01

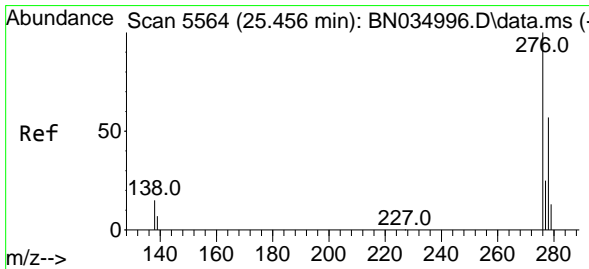
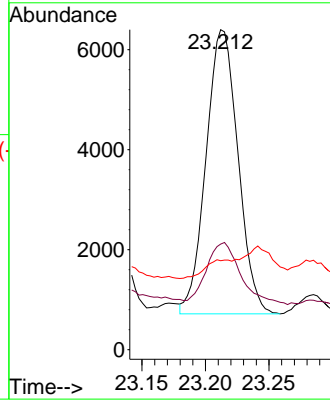
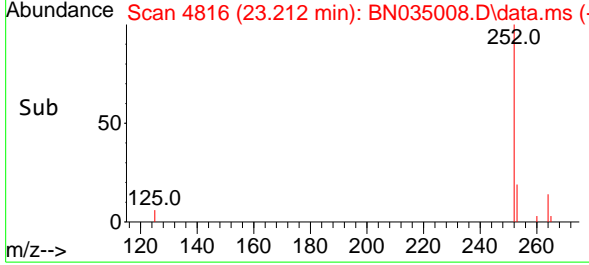
Instrument :
 BNA_N
 ClientSampleId :
 CC0Q4



Tgt Ion:252 Resp: 9950
 Ion Ratio Lower Upper
 252 100
 253 33.0 21.2 31.8#
 125 27.8 6.3 9.5#

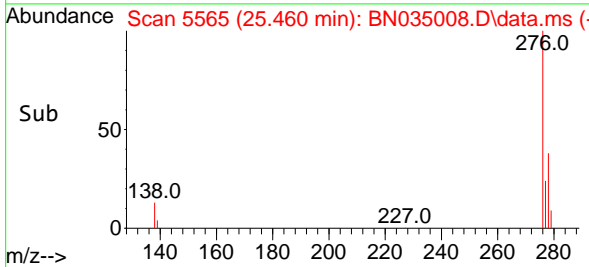
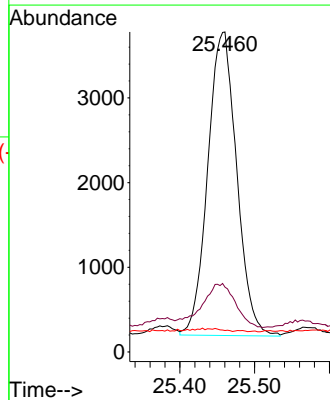
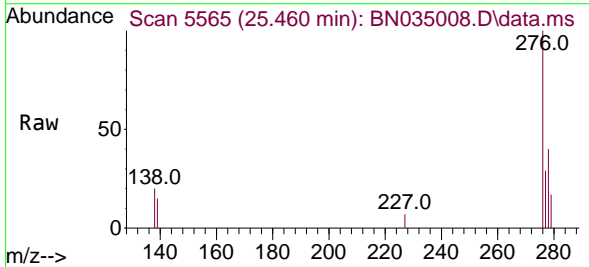
Manual Integrations
 APPROVED

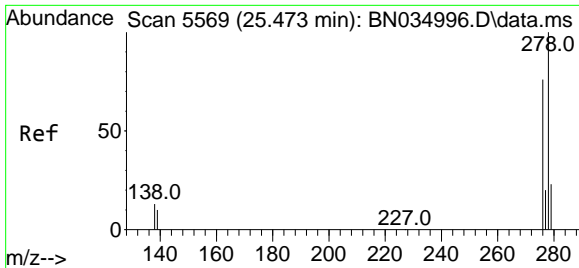
Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/14/2024



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.215 ng/u1
 RT: 25.460 min Scan# 5565
 Delta R.T. -0.009 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01

Tgt Ion:276 Resp: 9639
 Ion Ratio Lower Upper
 276 100
 138 16.3 10.8 16.2#
 227 0.0 0.2 0.4#





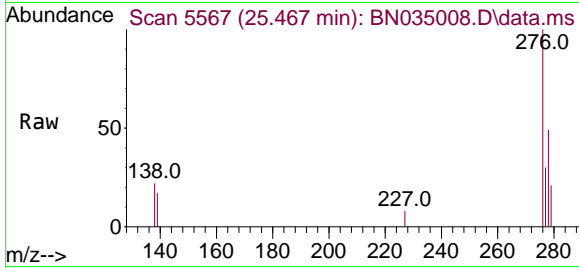
#28
 Dibenzo(a,h)anthracene
 Concen: 0.129 ng/ul
 RT: 25.467 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01

Instrument :

BNA_N

ClientSampleId :

CC0Q4



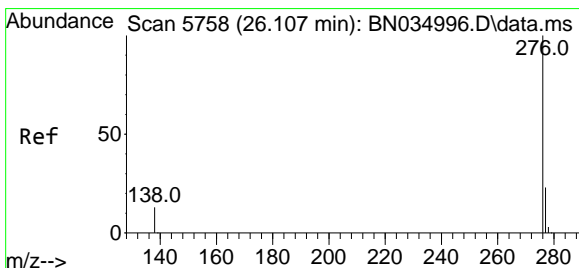
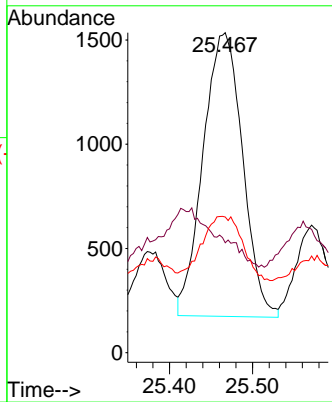
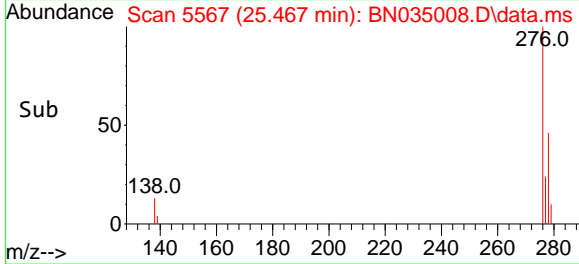
Tgt Ion:278 Resp: 449
 Ion Ratio Lower Upper
 278 100
 139 34.3 8.4 12.6
 279 42.4 21.5 32.3

Manual Integrations

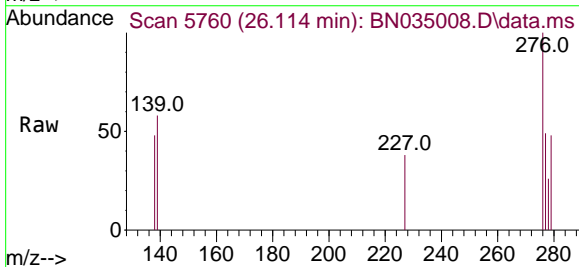
APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/14/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.045 ng/ul
 RT: 26.114 min Scan# 5760
 Delta R.T. -0.013 min
 Lab File: BN035008.D
 Acq: 11 Nov 2024 17:01



Tgt Ion:276 Resp: 1551
 Ion Ratio Lower Upper
 276 100
 138 48.5 10.3 15.5#
 277 48.9 20.2 30.2#

