

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033098.D
 Acq On : 30 Jul 2024 10:09
 Operator : MA/JU
 Sample : P3329-09DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E14DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/30/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 11:06:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.490	152	2142	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.240	136	8076	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.129	164	8558	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.899	188	12253	0.400	ng/ul	-0.05
17) Chrysene-d12	21.125	240	12536	0.400	ng/ul	-0.04
23) Perylene-d12	23.305	264	12354m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	1447	0.534	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.840	152	588	0.045	ng/ul	-0.07
18) Fluoranthene-d10	18.939	212	2768	0.078	ng/ul	-0.04
Target Compounds					Qvalue	
5) Naphthalene	10.300	128	8373607	403.755	ng/ul#	93
7) 2-Methylnaphthalene	11.917	142	1682030	119.725	ng/ul	95
8) 1-Methylnaphthalene	12.137	142	775890	51.069	ng/ul	99
10) Acenaphthylene	13.851	152	104900	2.995	ng/ul#	96
11) Acenaphthene	14.194	153	1152832	43.759	ng/ul	98
12) Fluorene	15.193	166	1357361	44.206	ng/ul	98
15) Phenanthrene	16.945	178	4979015	151.496	ng/ul	99
16) Anthracene	17.034	178	2329131	78.823	ng/ul	97
19) Fluoranthene	18.977	202	3238744	78.465	ng/ul	98
20) Pyrene	19.344	202	2357850	53.268	ng/ul	98
21) Benzo(a)anthracene	21.107	228	794688	18.585	ng/ul	100
22) Chrysene	21.160	228	641108	12.847	ng/ul	99
24) Benzo(b)fluoranthene	22.656	252	431991m	11.970	ng/ul	
25) Benzo(k)fluoranthene	22.694	252	171476m	3.965	ng/ul	
26) Benzo(a)pyrene	23.208	252	263417	7.756	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.500	276	83106	1.609	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.493	278	21587	0.527	ng/ul#	82
29) Benzo(g,h,i)perylene	26.174	276	61147	1.490	ng/ul#	92

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

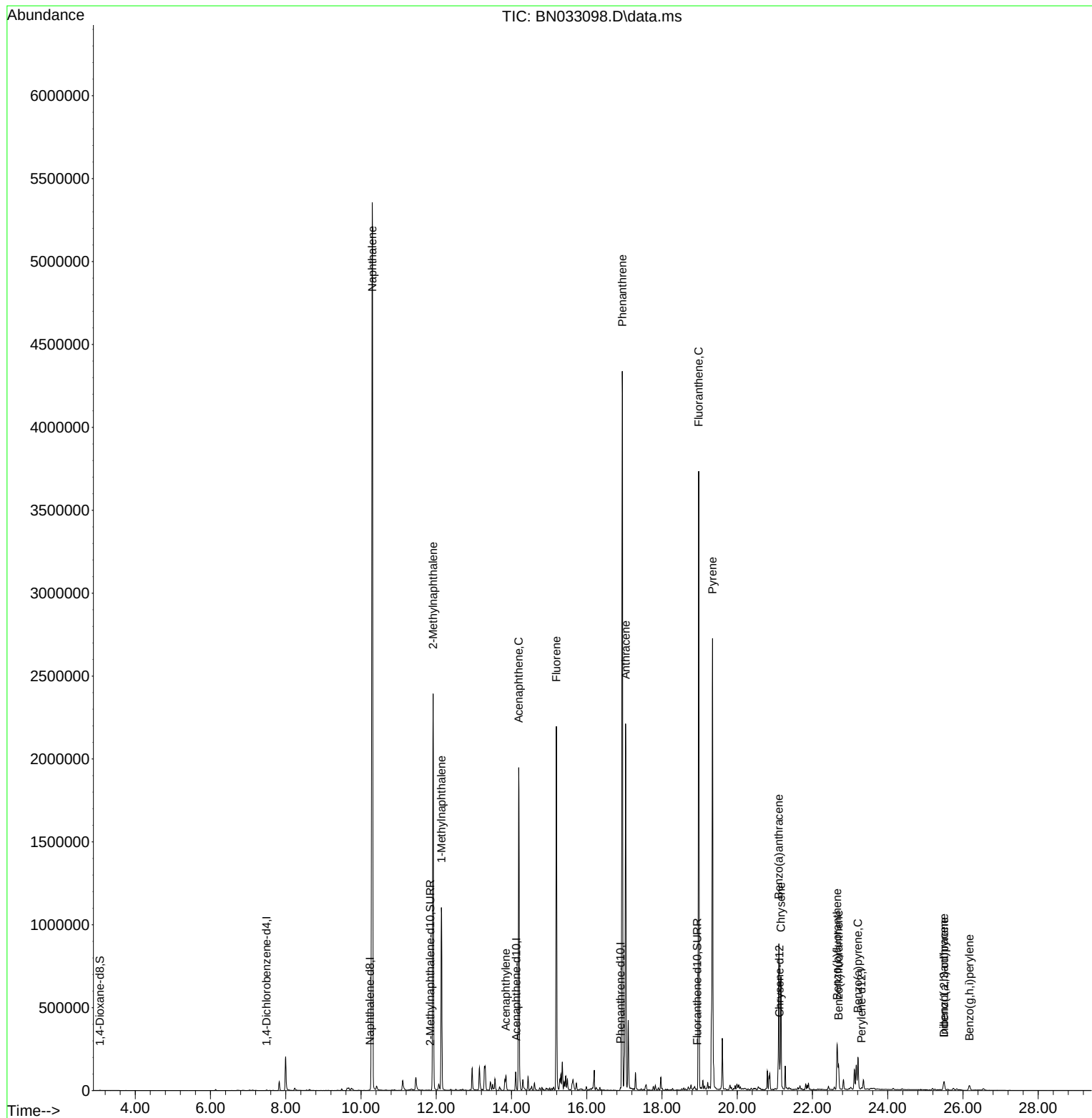
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033098.D
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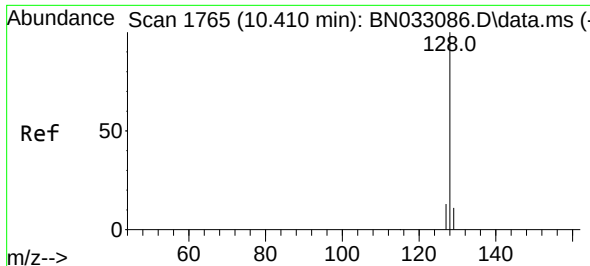
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Quant Time: Jul 30 11:06:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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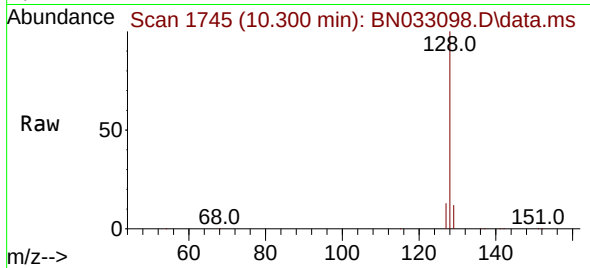
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024





#5
Naphthalene
Concen: 403.755 ng/ul
RT: 10.300 min Scan# 11
Delta R.T. -0.050 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

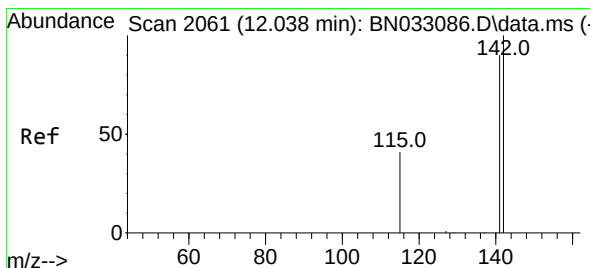
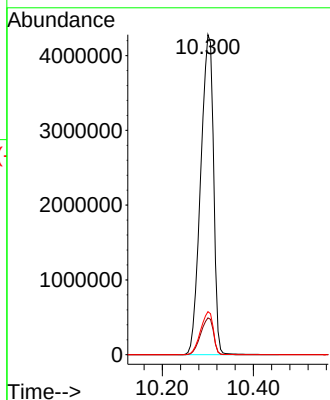
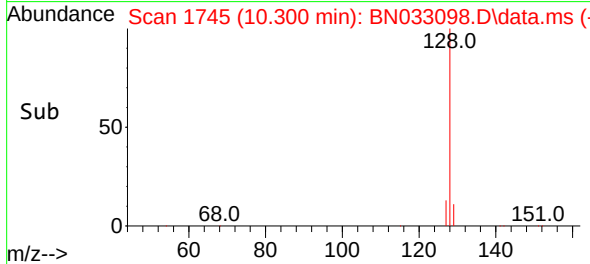
Instrument :
BNA_N
ClientSampleId :
F7E14DL



Tgt Ion:128 Resp: 837360
Ion Ratio Lower Upper
128 100
129 11.5 12.0 18.0
127 13.5 12.7 19.1

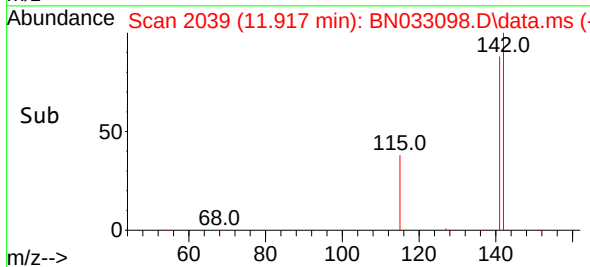
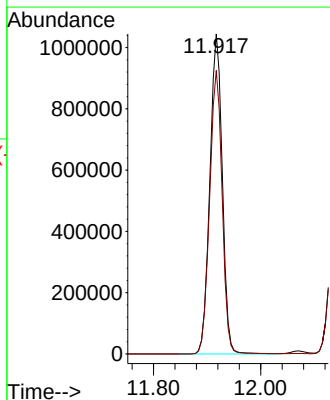
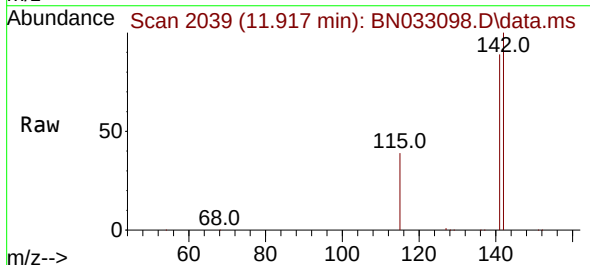
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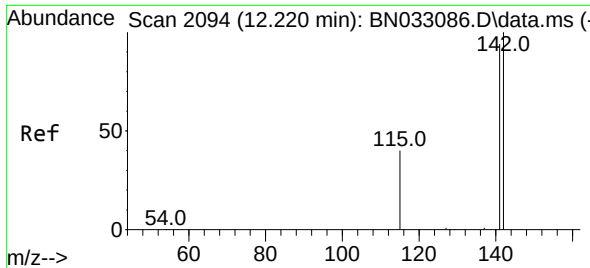
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 119.725 ng/ul
RT: 11.917 min Scan# 2039
Delta R.T. -0.066 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

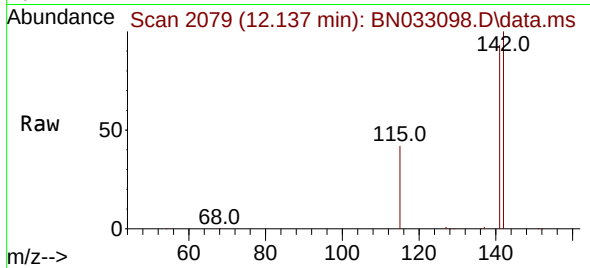
Tgt Ion:142 Resp: 1682030
Ion Ratio Lower Upper
142 100
141 89.0 75.2 112.8





#8
1-Methylnaphthalene
Concen: 51.069 ng/ul
RT: 12.137 min Scan# 2094
Delta R.T. -0.061 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

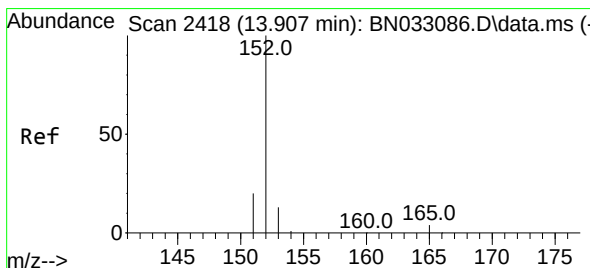
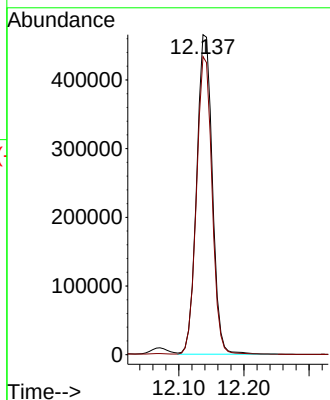
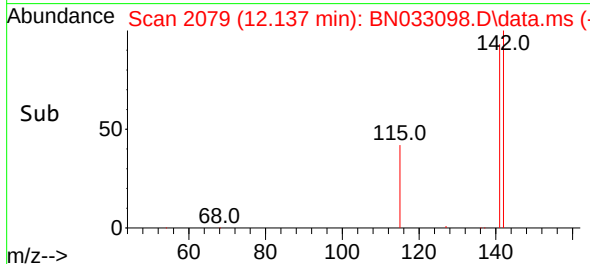
Instrument :
BNA_N
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F7E14DL



Tgt Ion:142 Resp: 775890
Ion Ratio Lower Upper
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141 92.3 74.3 111.5

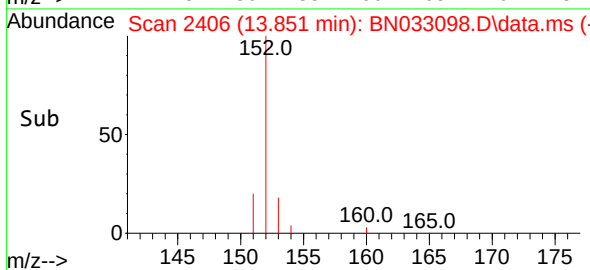
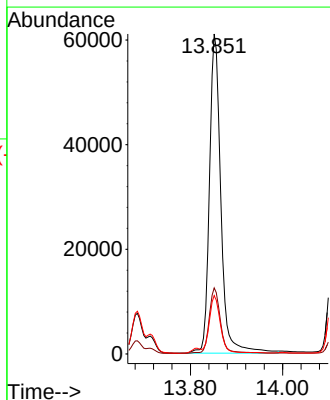
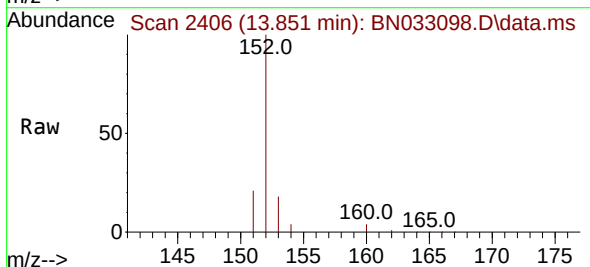
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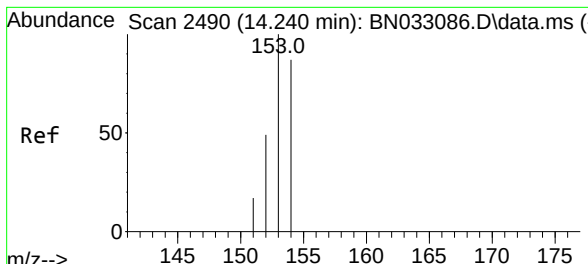
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 2.995 ng/ul
RT: 13.851 min Scan# 2406
Delta R.T. -0.046 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

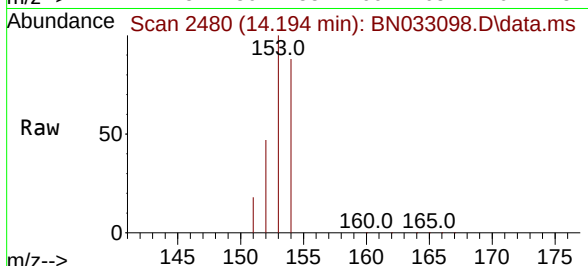
Tgt Ion:152 Resp: 104900
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 18.2 11.9 17.9#





#11
Acenaphthene
Concen: 43.759 ng/ul
RT: 14.194 min Scan# 2490
Delta R.T. -0.042 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

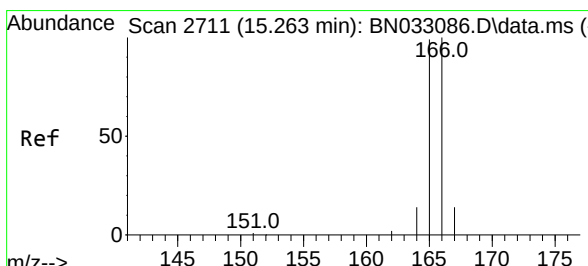
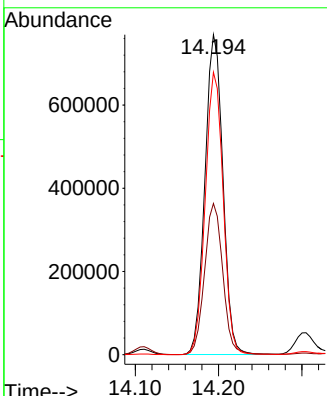
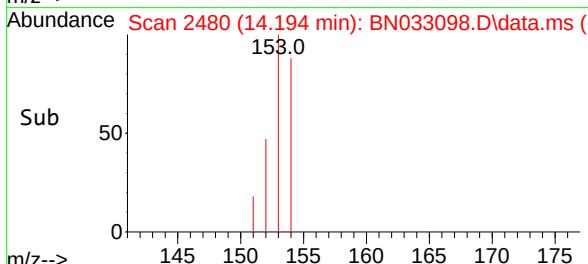
Instrument :
BNA_N
ClientSampleId :
F7E14DL



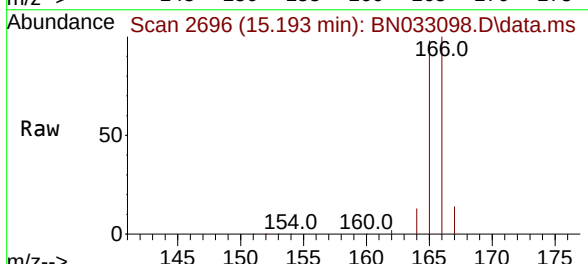
Tgt Ion:153 Resp: 115283
Ion Ratio Lower Upper
153 100
152 47.3 40.0 60.0
154 88.3 70.1 105.1

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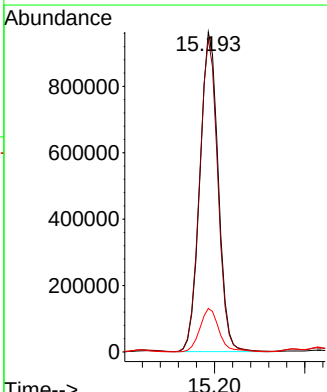
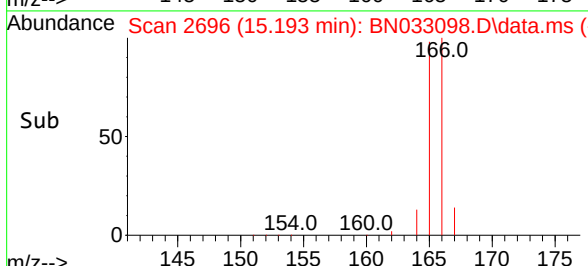
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

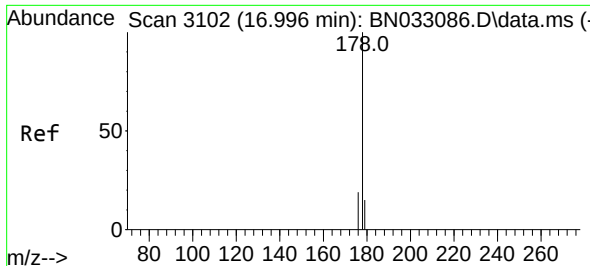


#12
Fluorene
Concen: 44.206 ng/ul
RT: 15.193 min Scan# 2696
Delta R.T. -0.051 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09



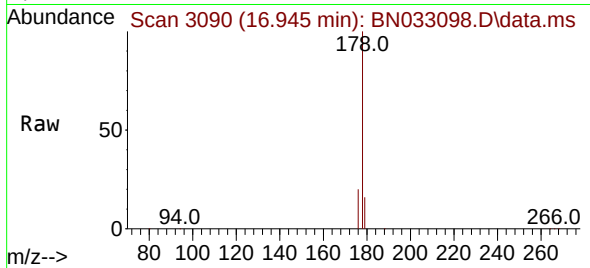
Tgt Ion:166 Resp: 1357361
Ion Ratio Lower Upper
166 100
165 97.9 79.6 119.4
167 13.6 12.2 18.4





#15
Phenanthrene
Concen: 151.496 ng/u1
RT: 16.945 min Scan# 3090
Delta R.T. -0.042 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

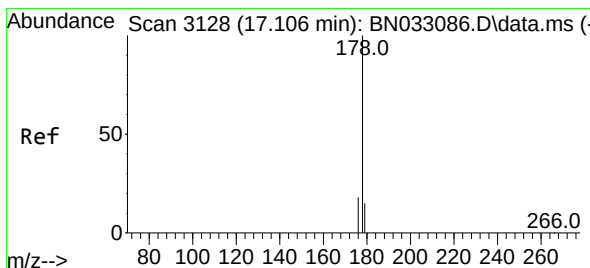
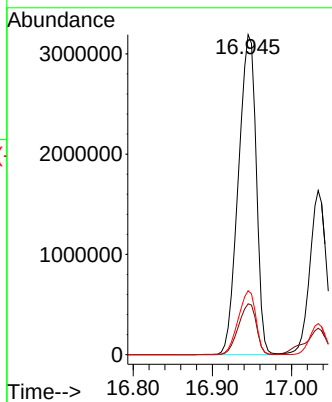
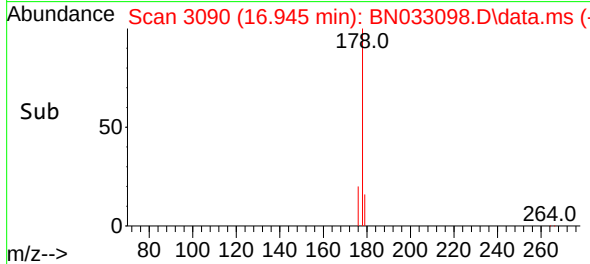
Instrument :
BNA_N
ClientSampleId :
F7E14DL



Tgt Ion:178 Resp: 4979015
Ion Ratio Lower Upper
178 100
179 15.9 13.7 20.5
176 20.0 15.9 23.9

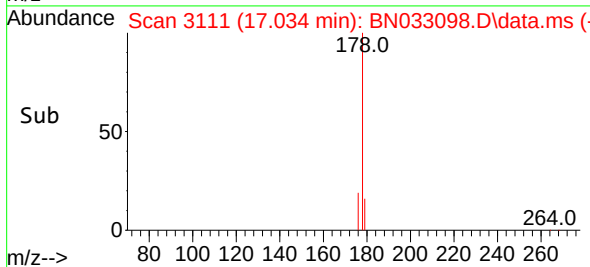
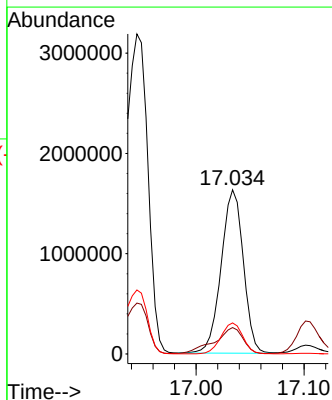
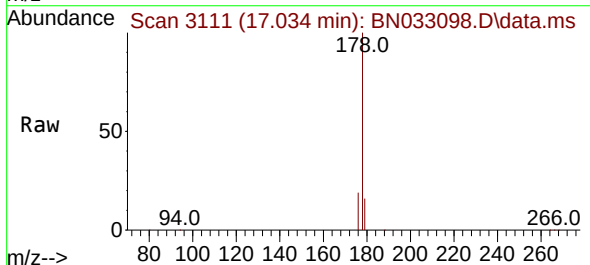
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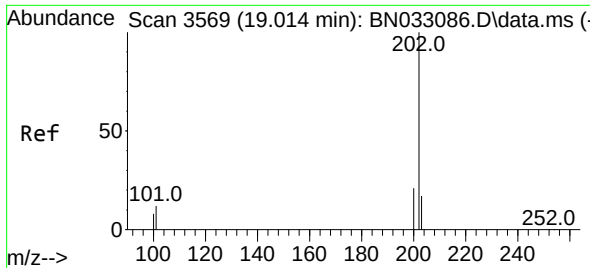
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 78.823 ng/u1
RT: 17.034 min Scan# 3111
Delta R.T. -0.051 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

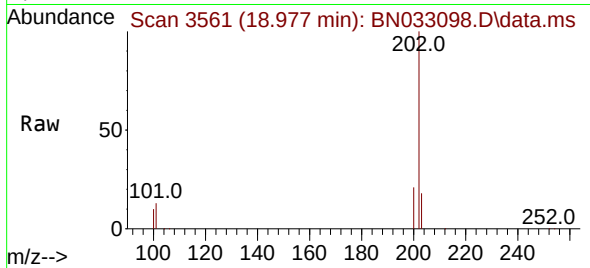
Tgt Ion:178 Resp: 2329131
Ion Ratio Lower Upper
178 100
179 16.0 14.3 21.5
176 18.9 15.8 23.8





#19
Fluoranthene
Concen: 78.465 ng/ul
RT: 18.977 min Scan# 3561
Delta R.T. -0.037 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

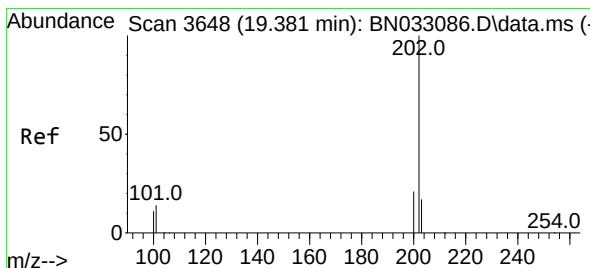
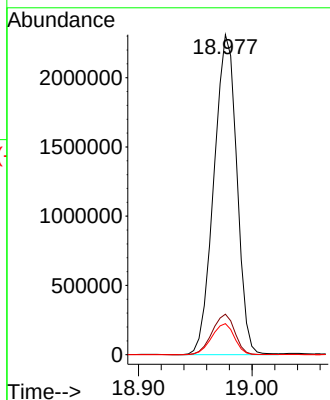
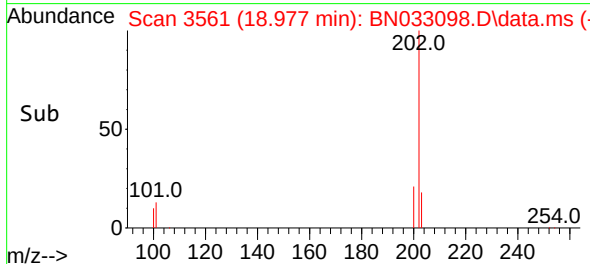
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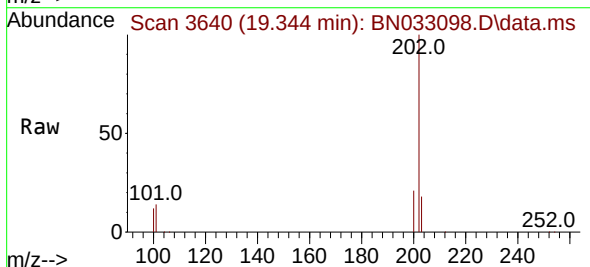
Tgt Ion:202 Resp: 3238744
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.7 8.3 12.5

Manual Integrations
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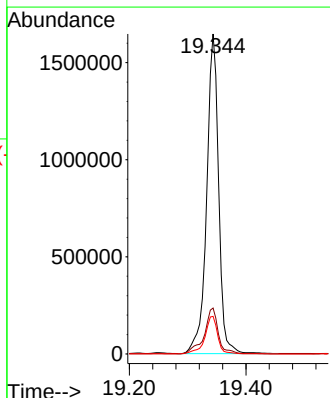
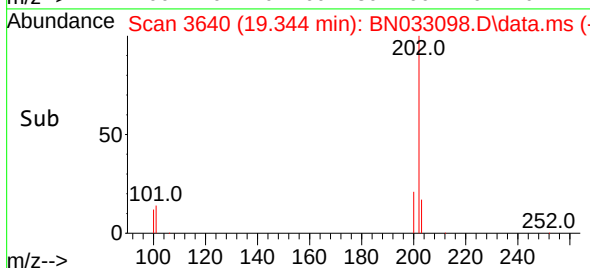
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

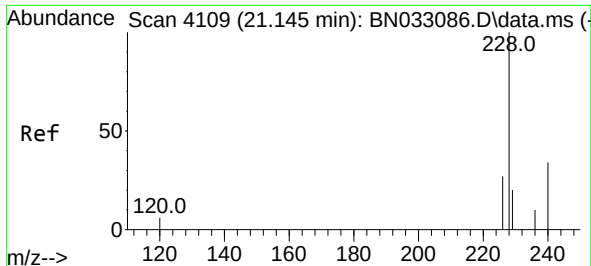


#20
Pyrene
Concen: 53.268 ng/ul
RT: 19.344 min Scan# 3640
Delta R.T. -0.037 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09



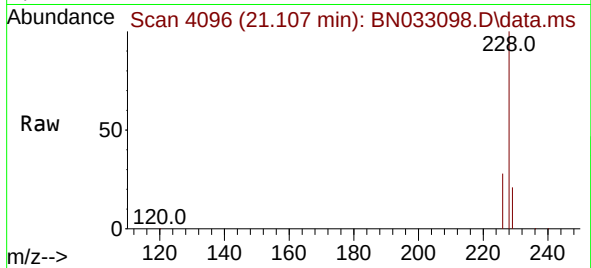
Tgt Ion:202 Resp: 2357850
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 11.8 9.9 14.9





#21
Benzo(a)anthracene
Concen: 18.585 ng/ul
RT: 21.107 min Scan# 4109
Delta R.T. -0.038 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

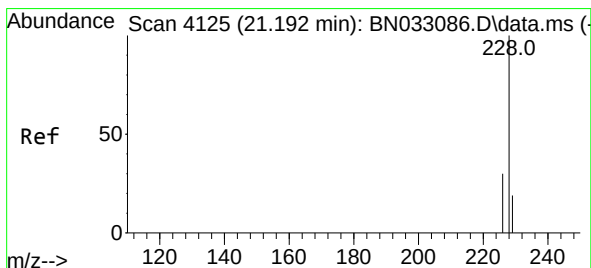
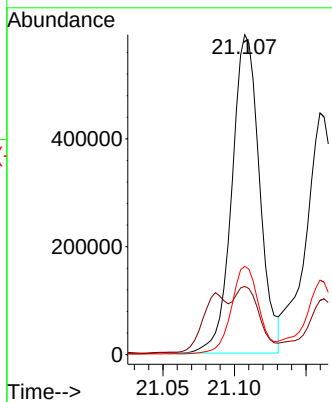
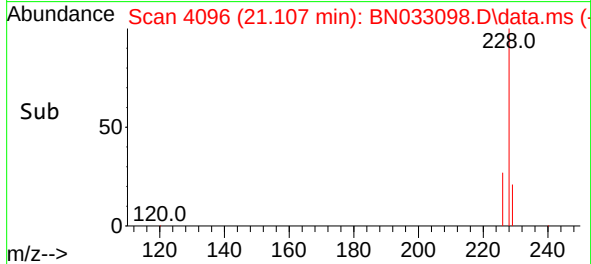
Instrument :
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Tgt Ion:228 Resp: 794688
Ion Ratio Lower Upper
228 100
229 21.4 17.1 25.7
226 27.6 22.4 33.6

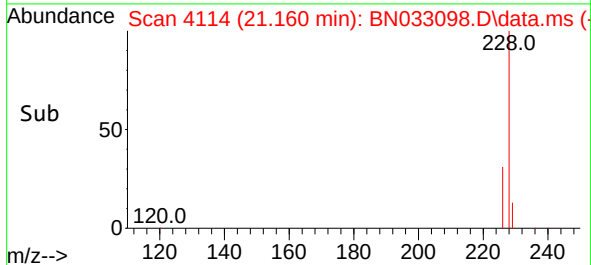
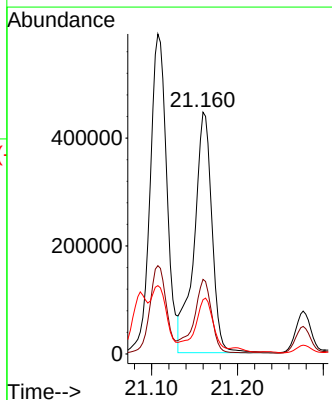
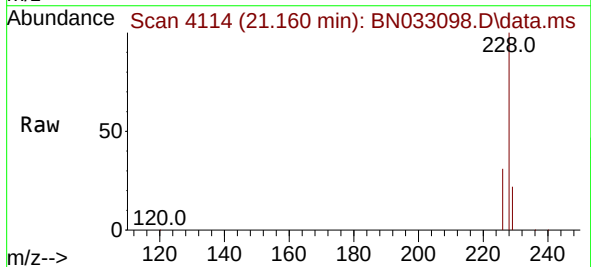
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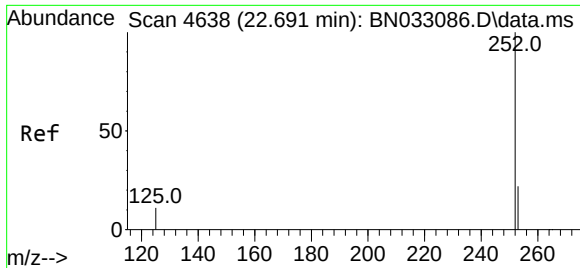
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 12.847 ng/ul
RT: 21.160 min Scan# 4114
Delta R.T. -0.035 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

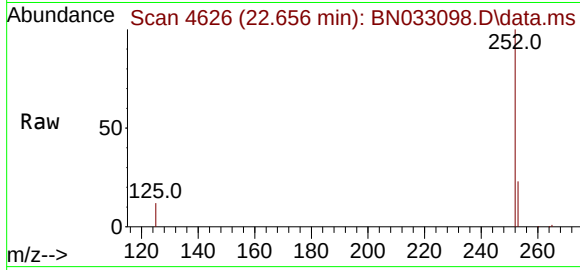
Tgt Ion:228 Resp: 641108
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 22.5 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 11.970 ng/ul m
RT: 22.656 min Scan# 4626
Delta R.T. -0.038 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

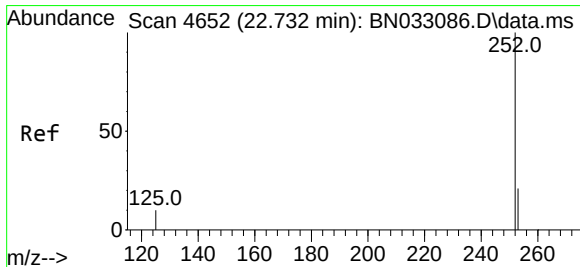
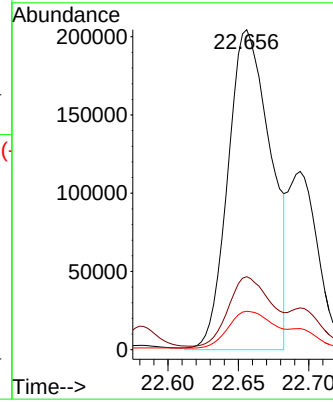
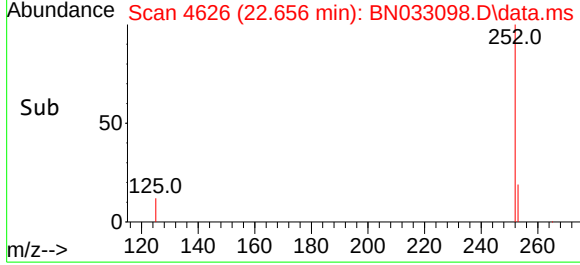
Instrument :
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Tgt Ion:252 Resp: 43199
Ion Ratio Lower Upper
252 100
253 22.8 0.0 60.6
125 12.0 0.0 51.0

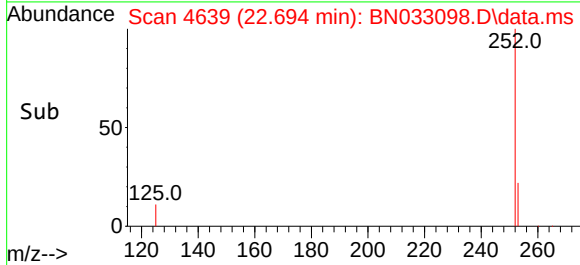
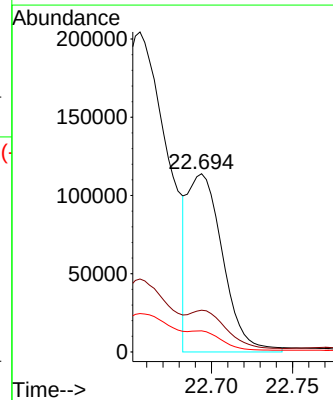
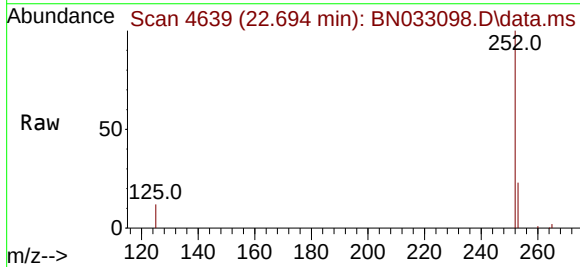
Manual Integrations
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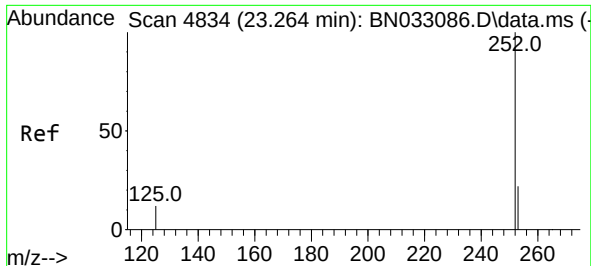
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 3.965 ng/ul m
RT: 22.694 min Scan# 4639
Delta R.T. -0.041 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

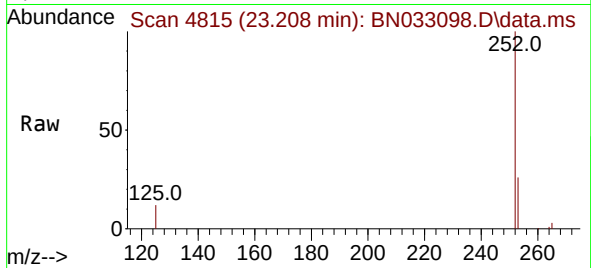
Tgt Ion:252 Resp: 171476
Ion Ratio Lower Upper
252 100
253 23.4 24.9 37.3#
125 11.8 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 7.756 ng/ul
RT: 23.208 min Scan# 4815
Delta R.T. -0.053 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

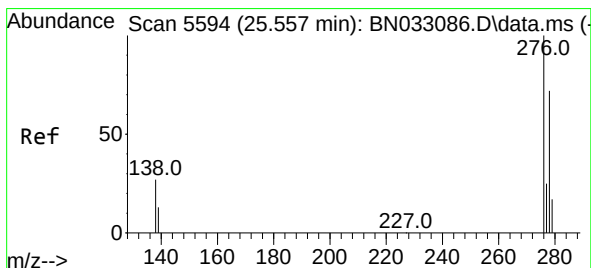
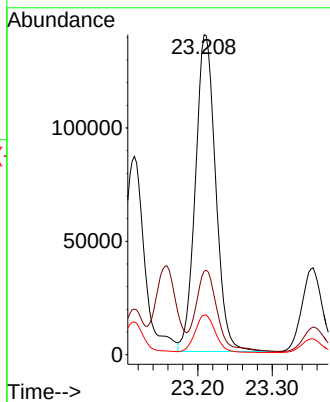
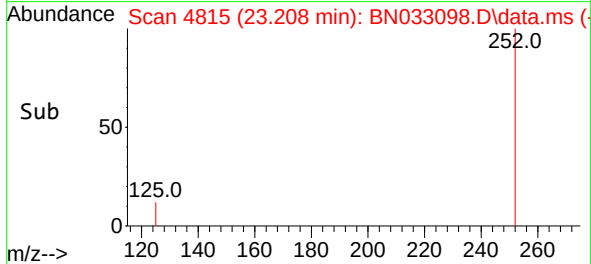
Instrument :
BNA_N
ClientSampleId :
F7E14DL



Tgt Ion:252 Resp: 26341
Ion Ratio Lower Upper
252 100
253 26.0 27.5 41.3
125 12.4 27.0 40.6

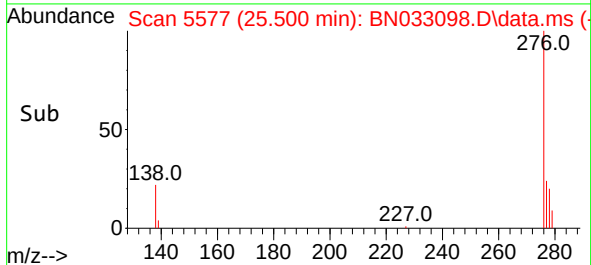
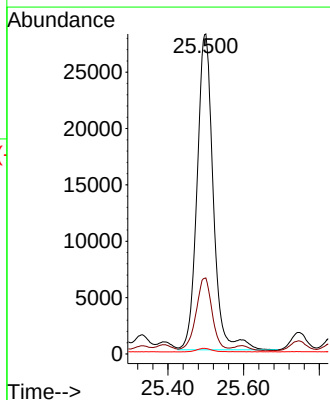
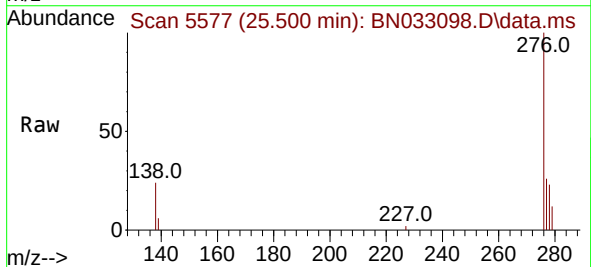
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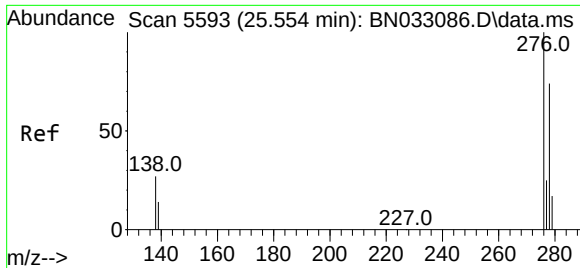
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.609 ng/ul
RT: 25.500 min Scan# 5577
Delta R.T. -0.060 min
Lab File: BN033098.D
Acq: 30 Jul 2024 10:09

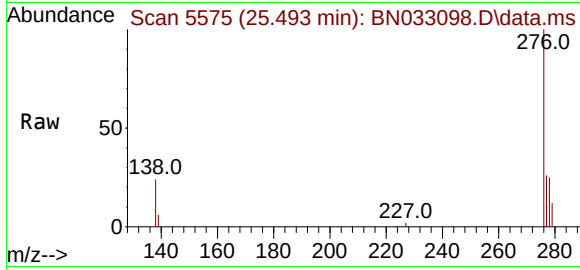
Tgt Ion:276 Resp: 83106
Ion Ratio Lower Upper
276 100
138 22.0 21.8 32.8
227 1.1 0.2 0.2





#28
 Dibenzo(a,h)anthracene
 Concen: 0.527 ng/ul
 RT: 25.493 min Scan# 51
 Delta R.T. -0.067 min
 Lab File: BN033098.D
 Acq: 30 Jul 2024 10:09

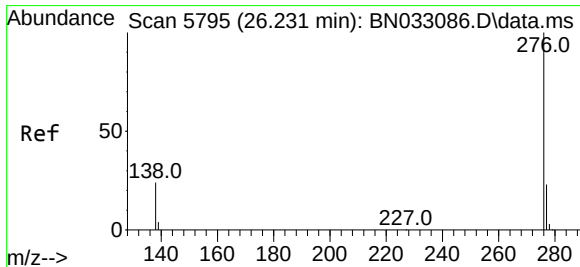
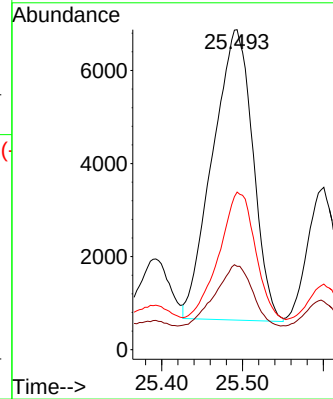
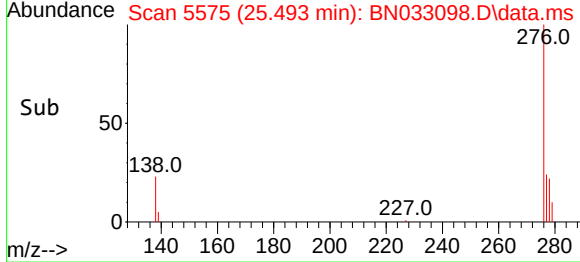
Instrument :
 BNA_N
 ClientSampleId :
 F7E14DL



Tgt Ion:278 Resp: 2158
 Ion Ratio Lower Upper
 278 100
 139 26.1 22.5 33.7
 279 49.3 25.5 38.3

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 Supervised By :mohammad ahmed 07/31/2024



#29
 Benzo(g,h,i)perylene
 Concen: 1.490 ng/ul
 RT: 26.174 min Scan# 5778
 Delta R.T. -0.067 min
 Lab File: BN033098.D
 Acq: 30 Jul 2024 10:09

Tgt Ion:276 Resp: 61147
 Ion Ratio Lower Upper
 276 100
 138 24.3 24.6 37.0#
 277 26.4 22.6 34.0

