

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033095.D
 Acq On : 30 Jul 2024 08:19
 Operator : MA/JU
 Sample : P3329-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E03

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 08:45:33 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	7.482	152	2715	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.251	136	8758	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.115	164	27461	0.400	ng/ul	#-0.06
13) Phenanthrene-d10	16.907	188	15786	0.400	ng/ul	-0.04
17) Chrysene-d12	21.131	240	14210	0.400	ng/ul	#-0.03
23) Perylene-d12	23.302	264	16322	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	8823	2.569	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.846	152	3761	0.263	ng/ul	-0.07
18) Fluoranthene-d10	18.944	212	16340	0.406	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.350	128	25031895	1112.987	ng/ul#	95
7) 2-Methylnaphthalene	11.939	142	7870072	516.559	ng/ul	93
8) 1-Methylnaphthalene	12.154	142	4337245	263.246	ng/ul	98
10) Acenaphthylene	13.852	152	600255	5.341	ng/ul#	96
11) Acenaphthene	14.213	153	5557669	65.743	ng/ul	97
12) Fluorene	15.212	166	6516283	66.136	ng/ul	96
15) Phenanthrene	16.979	178	16657159	393.394	ng/ul	99
16) Anthracene	17.064	178	10329724	271.344	ng/ul	98
19) Fluoranthene	19.005	202	13071490	279.377	ng/ul#	91
20) Pyrene	19.367	202	11102746	221.280	ng/ul#	93
21) Benzo(a)anthracene	21.116	228	4235657	87.387	ng/ul	99
22) Chrysene	21.169	228	3462066	61.204	ng/ul	96
24) Benzo(b)fluoranthene	22.659	252	2462275m	51.642	ng/ul	
25) Benzo(k)fluoranthene	22.691	252	910034m	15.927	ng/ul	
26) Benzo(a)pyrene	23.209	252	1495511	33.327	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.480	276	459469	6.733	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.477	278	131279m	2.428	ng/ul	
29) Benzo(g,h,i)perylene	26.154	276	351888	6.490	ng/ul#	91

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

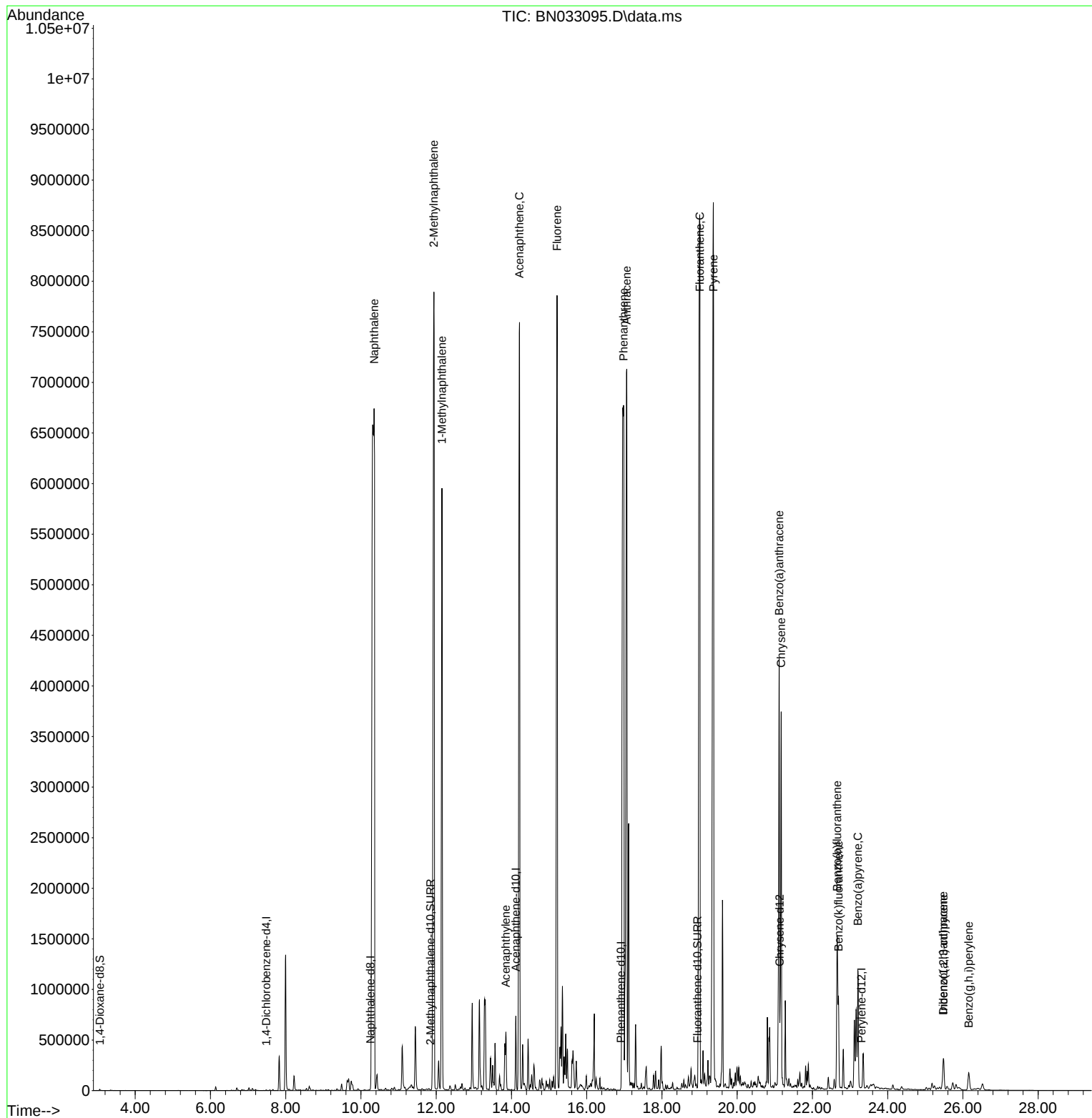
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033095.D
Acq On : 30 Jul 2024 08:19
Operator : MA/JU
Sample : P3329-04
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ALS Vial : 29 Sample Multiplier: 1

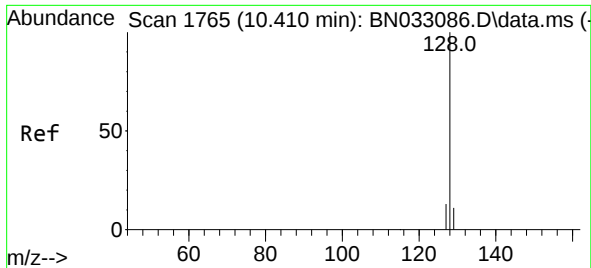
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Jul 30 08:45:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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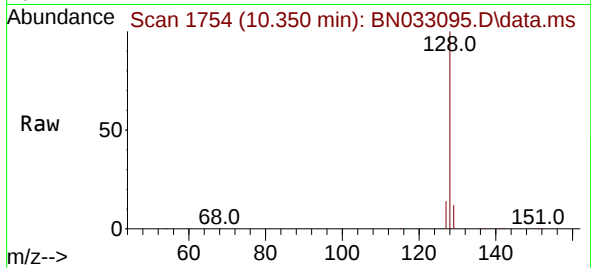
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024





#5
Naphthalene
Concen: 1112.987 ng/ul
RT: 10.350 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

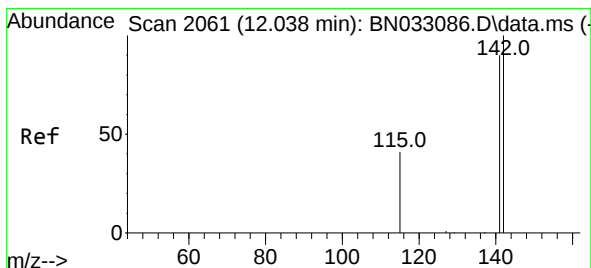
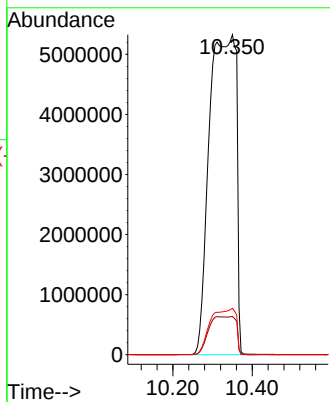
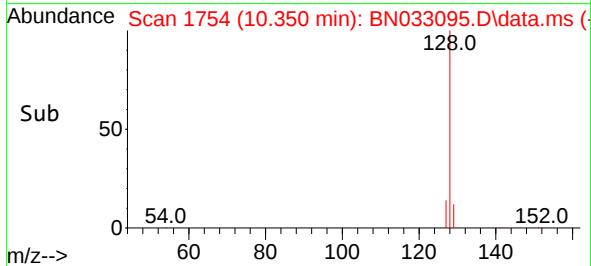
Instrument :
BNA_N
ClientSampleId :
F7E03



Tgt Ion:128 Resp:2503189
Ion Ratio Lower Upper
128 100
129 11.9 12.0 18.0
127 14.5 12.7 19.1

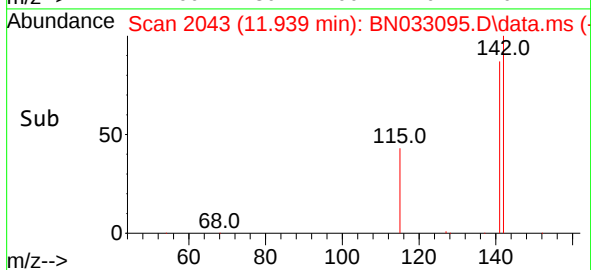
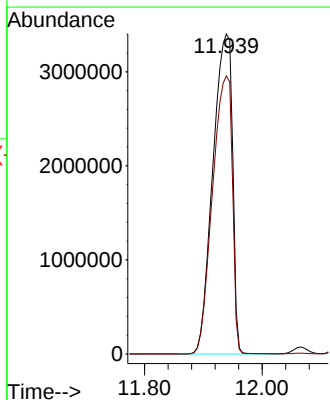
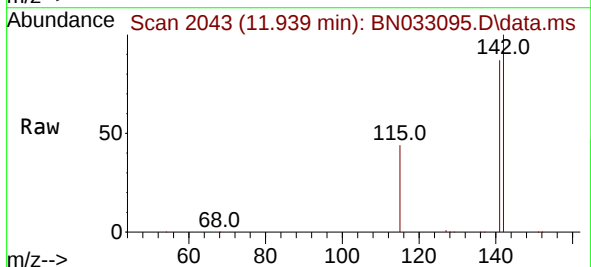
Manual Integrations
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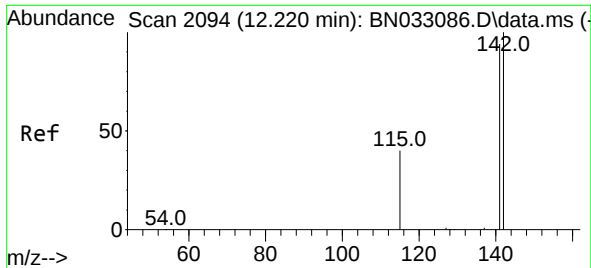
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 516.559 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.044 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

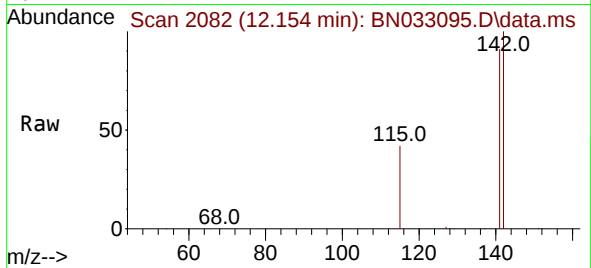
Tgt Ion:142 Resp: 7870072
Ion Ratio Lower Upper
142 100
141 87.6 75.2 112.8





#8
1-Methylnaphthalene
Concen: 263.246 ng/ul
RT: 12.154 min Scan# 2094
Delta R.T. -0.044 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

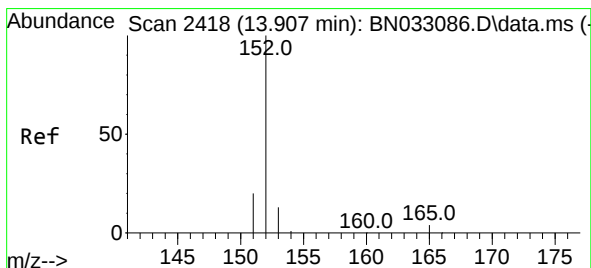
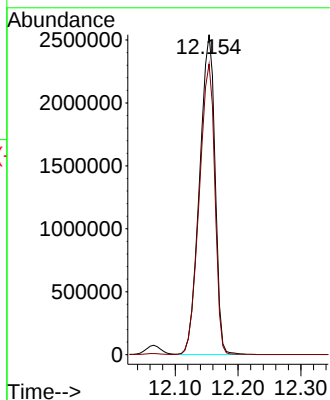
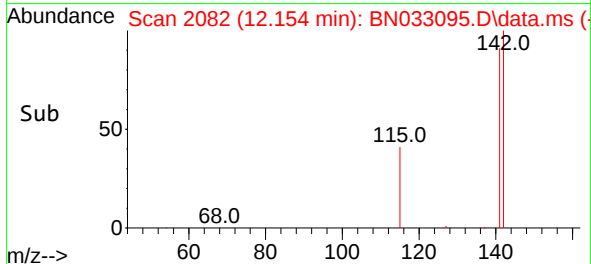
Instrument :
BNA_N
ClientSampleId :
F7E03



Tgt Ion:142 Resp: 433724
Ion Ratio Lower Upper
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141 91.0 74.3 111.5

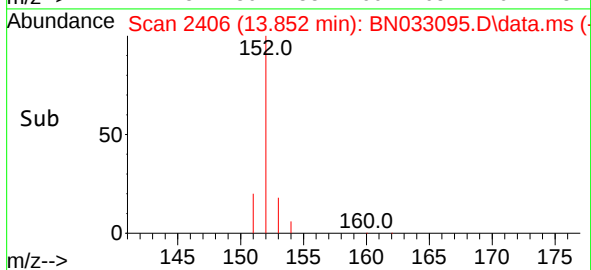
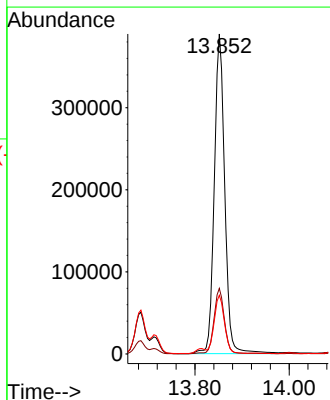
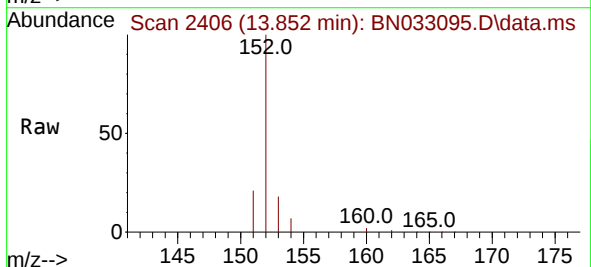
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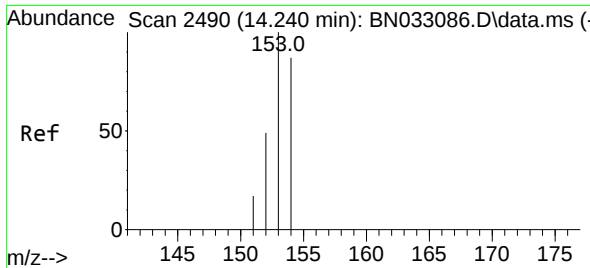
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 5.341 ng/ul
RT: 13.852 min Scan# 2406
Delta R.T. -0.046 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

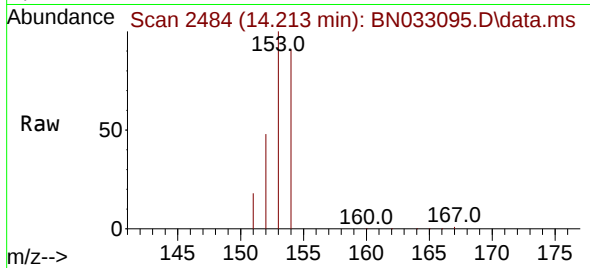
Tgt Ion:152 Resp: 600255
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 18.3 11.9 17.9#





#11
Acenaphthene
Concen: 65.743 ng/ul
RT: 14.213 min Scan# 2490
Delta R.T. -0.023 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

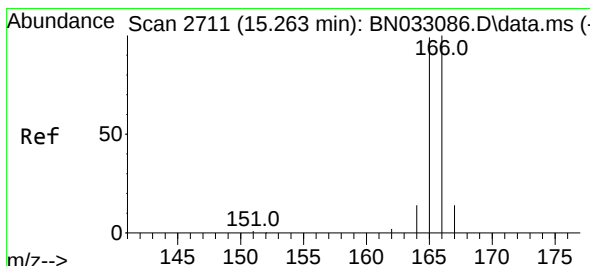
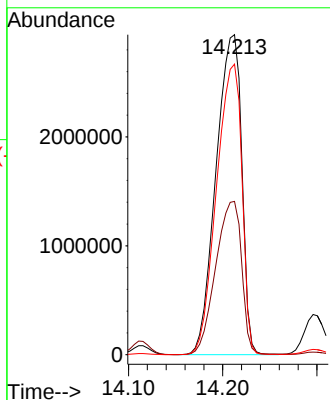
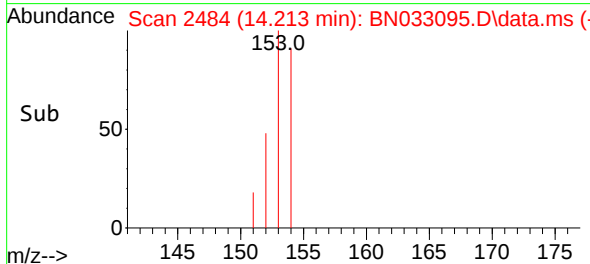
Instrument :
BNA_N
ClientSampleId :
F7E03



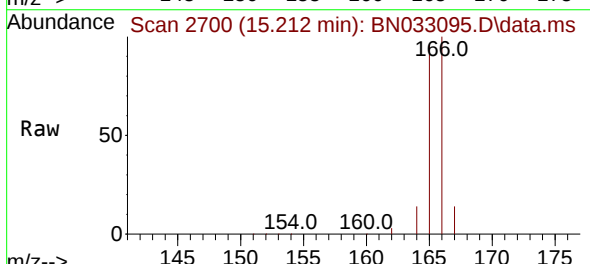
Tgt Ion:153 Resp: 5557669
Ion Ratio Lower Upper
153 100
152 47.9 40.0 60.0
154 90.8 70.1 105.1

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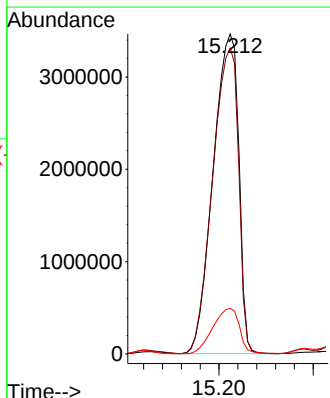
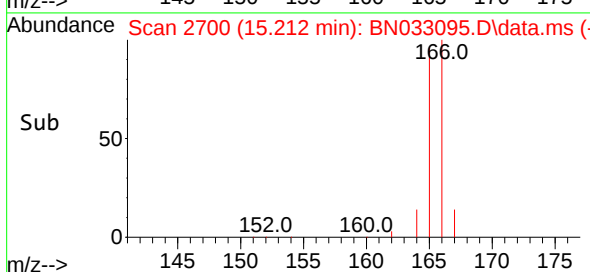
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

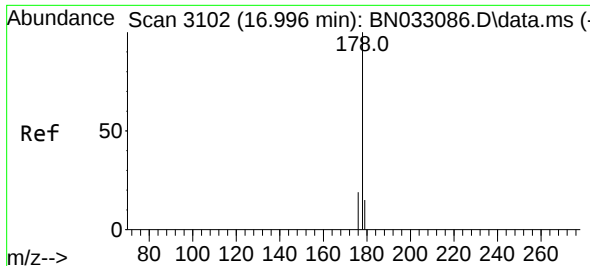


#12
Fluorene
Concen: 66.136 ng/ul
RT: 15.212 min Scan# 2700
Delta R.T. -0.032 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19



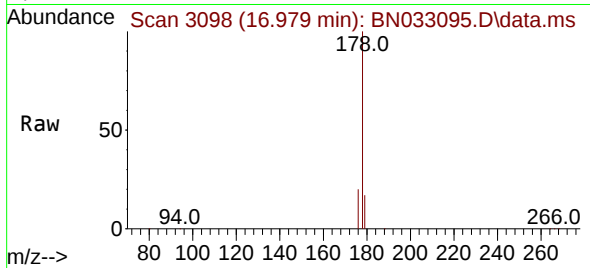
Tgt Ion:166 Resp: 6516283
Ion Ratio Lower Upper
166 100
165 95.6 79.6 119.4
167 14.2 12.2 18.4





#15
Phenanthrene
Concen: 393.394 ng/u1
RT: 16.979 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

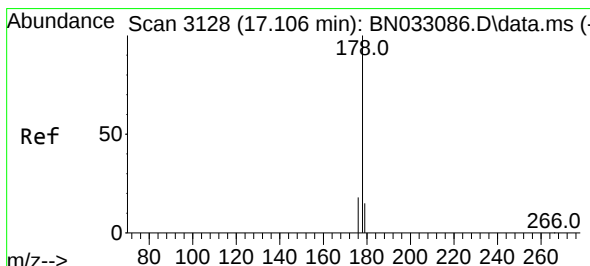
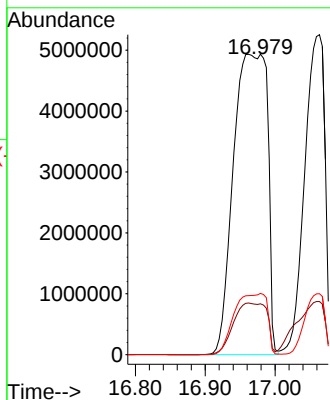
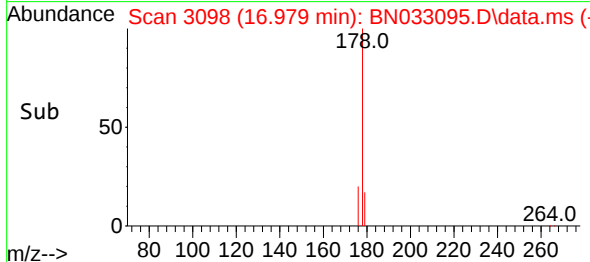
Instrument :
BNA_N
ClientSampleId :
F7E03



Tgt Ion:178 Resp:16657159
Ion Ratio Lower Upper
178 100
179 16.9 13.7 20.5
176 20.4 15.9 23.9

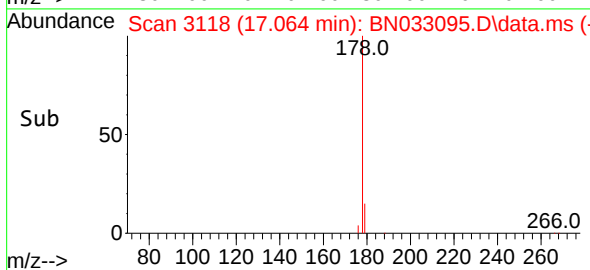
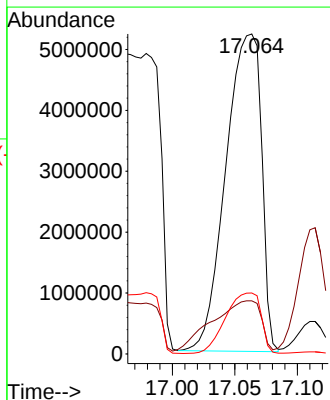
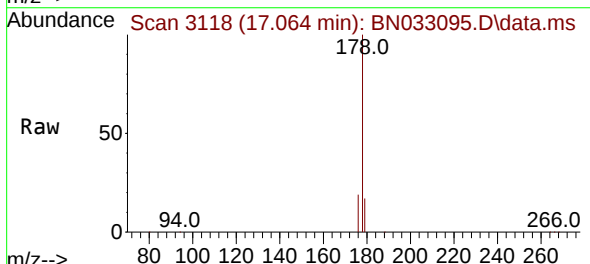
Manual Integrations
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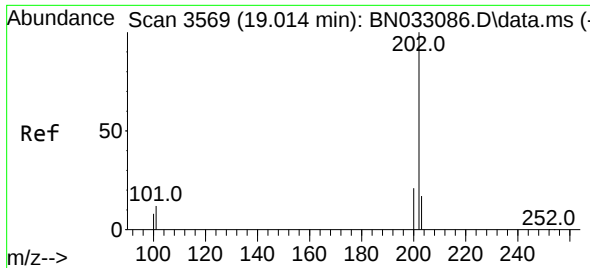
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 271.344 ng/u1
RT: 17.064 min Scan# 3118
Delta R.T. -0.021 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

Tgt Ion:178 Resp:10329724
Ion Ratio Lower Upper
178 100
179 16.6 14.3 21.5
176 19.1 15.8 23.8





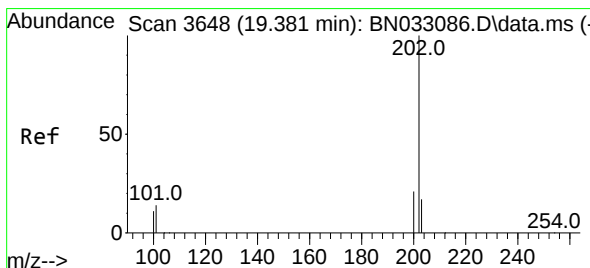
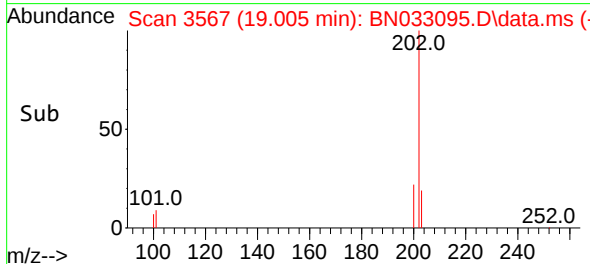
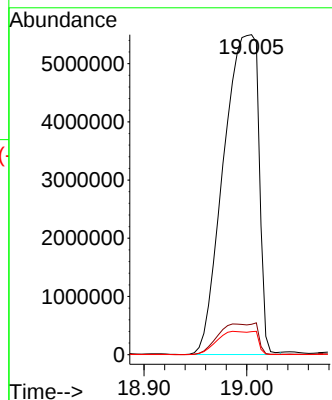
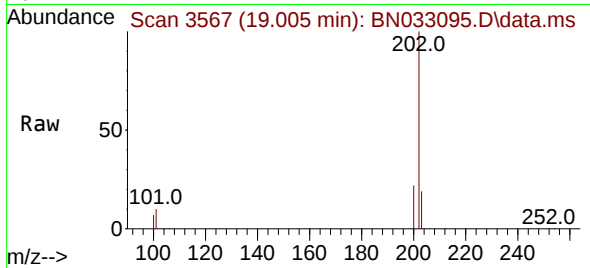
#19
Fluoranthene
Concen: 279.377 ng/ul
RT: 19.005 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

Instrument :
BNA_N
ClientSampleId :
F7E03

Tgt Ion:202 Resp:13071490
Ion Ratio Lower Upper
202 100
101 9.5 10.7 16.1#
100 7.2 8.3 12.5#

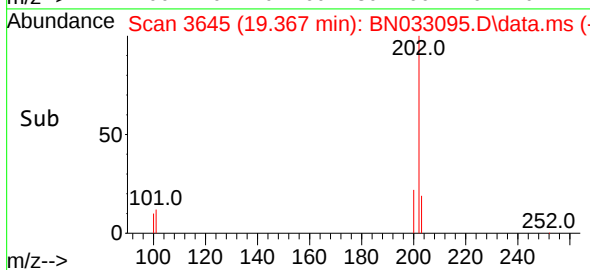
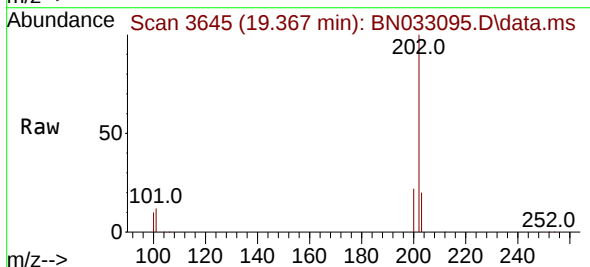
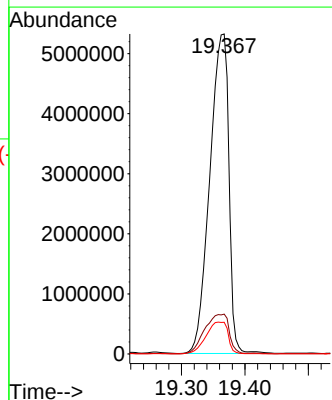
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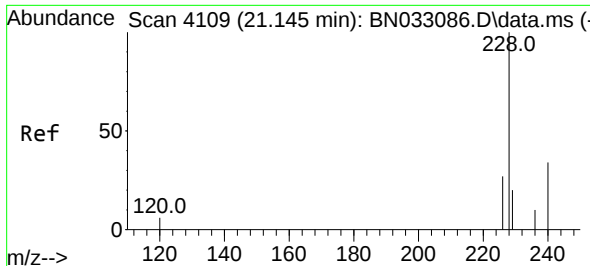
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 221.280 ng/ul
RT: 19.367 min Scan# 3645
Delta R.T. -0.014 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

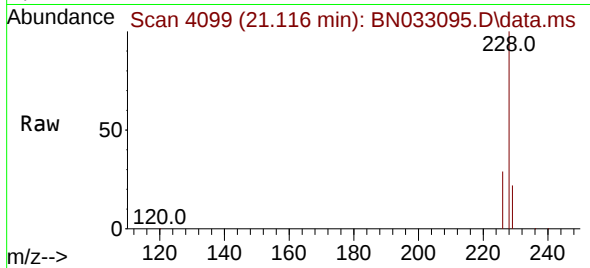
Tgt Ion:202 Resp:11102746
Ion Ratio Lower Upper
202 100
101 12.4 12.6 18.8#
100 9.9 9.9 14.9#





#21
Benzo(a)anthracene
Concen: 87.387 ng/ul
RT: 21.116 min Scan# 4109
Delta R.T. -0.029 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

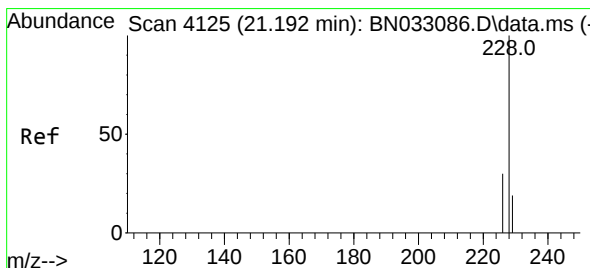
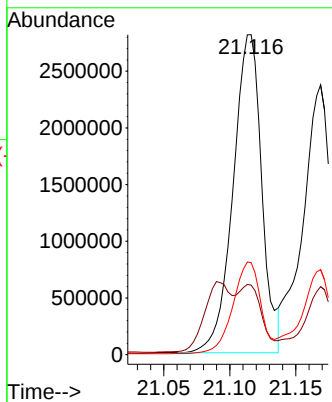
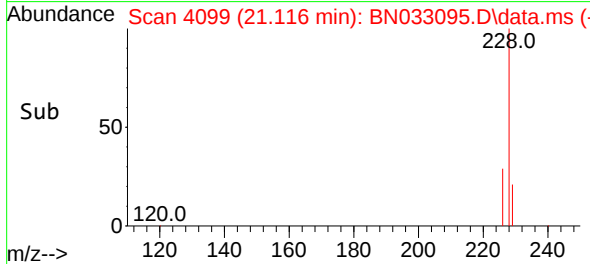
Instrument :
BNA_N
ClientSampleId :
F7E03



Tgt Ion:228 Resp: 423565
Ion Ratio Lower Upper
228 100
229 21.8 17.1 25.7
226 28.8 22.4 33.6

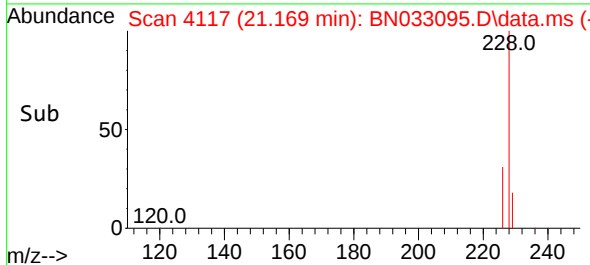
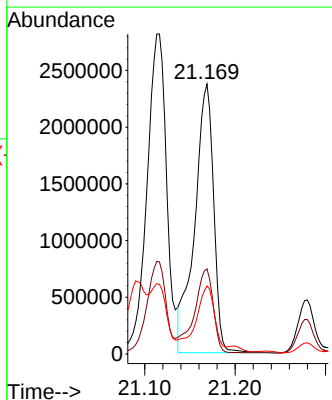
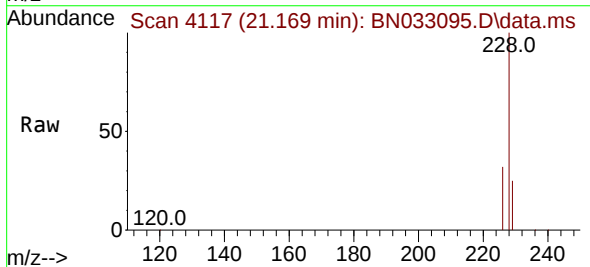
Manual Integrations
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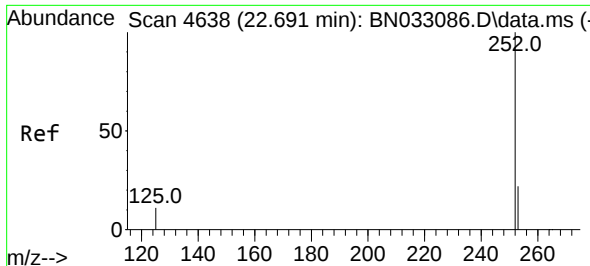
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 61.204 ng/ul
RT: 21.169 min Scan# 4117
Delta R.T. -0.026 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

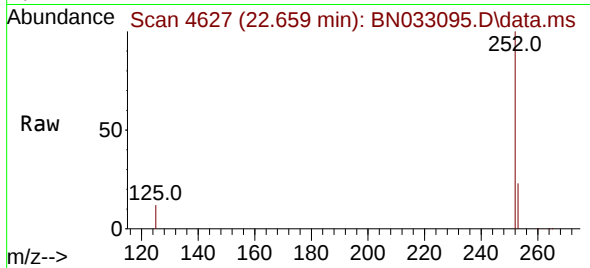
Tgt Ion:228 Resp: 3462066
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 25.2 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 51.642 ng/ul m
RT: 22.659 min Scan# 4627
Delta R.T. -0.035 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

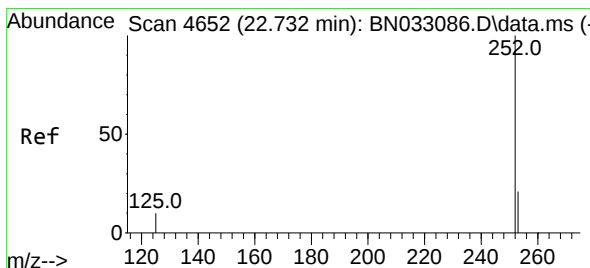
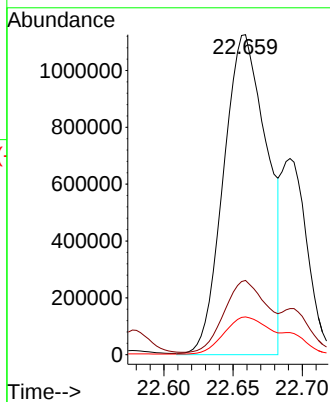
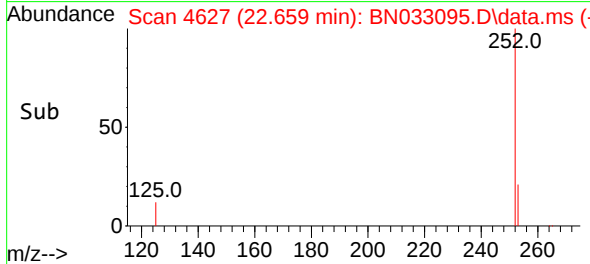
Instrument :
BNA_N
ClientSampleId :
F7E03



Tgt Ion:252 Resp: 2462275
Ion Ratio Lower Upper
252 100
253 23.2 0.0 60.6
125 11.8 0.0 51.0

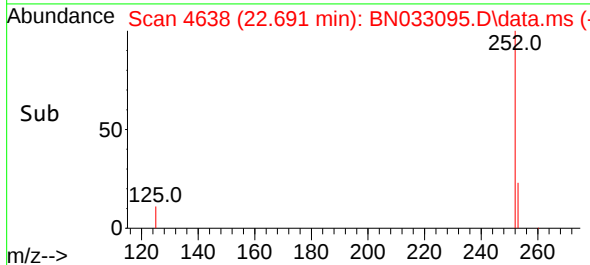
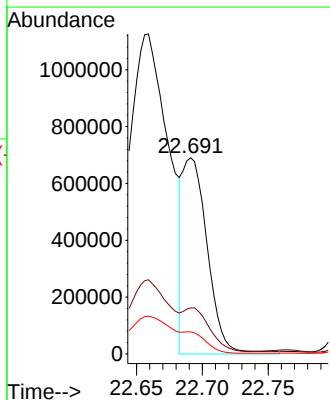
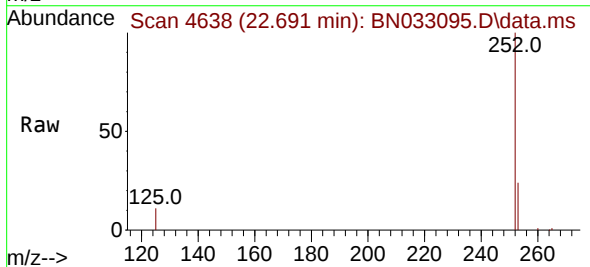
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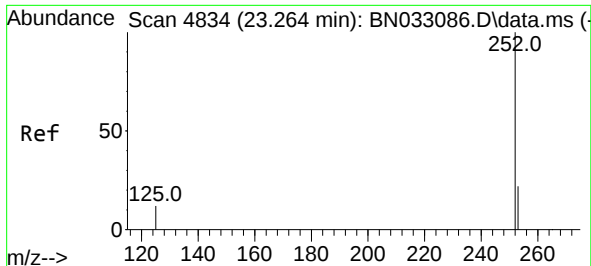
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 15.927 ng/ul m
RT: 22.691 min Scan# 4638
Delta R.T. -0.044 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

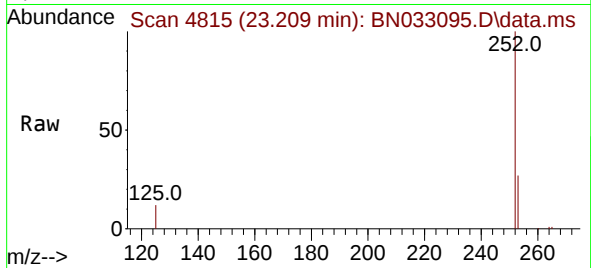
Tgt Ion:252 Resp: 910034
Ion Ratio Lower Upper
252 100
253 23.5 24.9 37.3#
125 11.2 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 33.327 ng/ul
RT: 23.209 min Scan# 4815
Delta R.T. -0.052 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

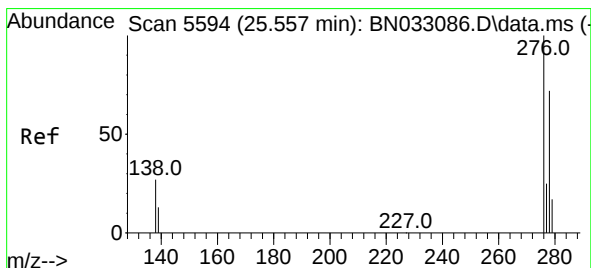
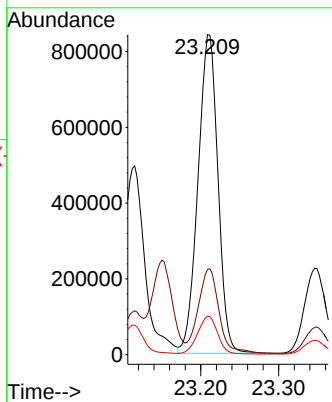
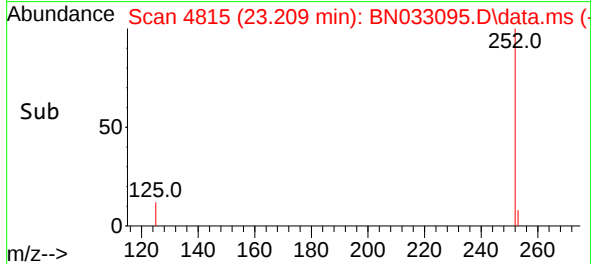
Instrument :
BNA_N
ClientSampleId :
F7E03



Tgt Ion:252 Resp: 149551
Ion Ratio Lower Upper
252 100
253 26.6 27.5 41.3
125 12.0 27.0 40.6

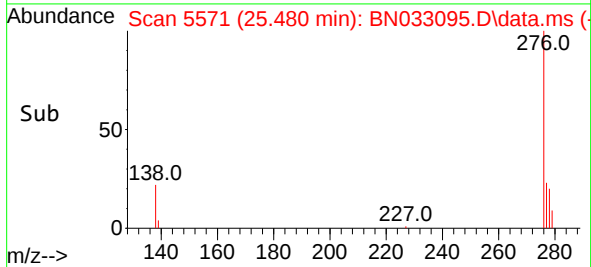
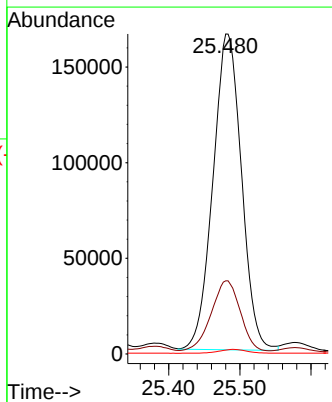
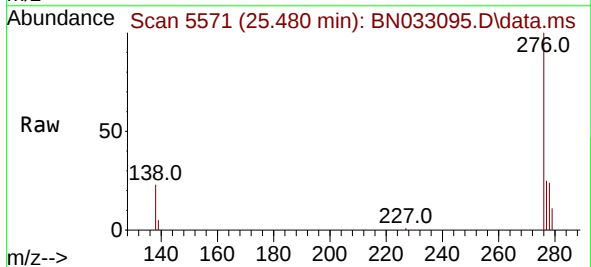
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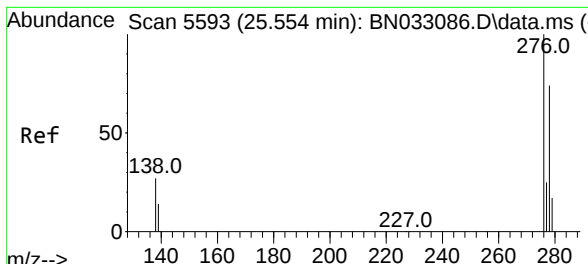
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.733 ng/ul
RT: 25.480 min Scan# 5571
Delta R.T. -0.080 min
Lab File: BN033095.D
Acq: 30 Jul 2024 08:19

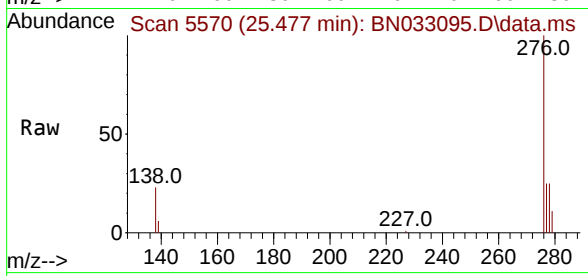
Tgt Ion:276 Resp: 459469
Ion Ratio Lower Upper
276 100
138 22.7 21.8 32.8
227 1.2 0.2 0.2





#28
 Dibenzo(a,h)anthracene
 Concen: 2.428 ng/ul m
 RT: 25.477 min Scan# 51
 Delta R.T. -0.084 min
 Lab File: BN033095.D
 Acq: 30 Jul 2024 08:19

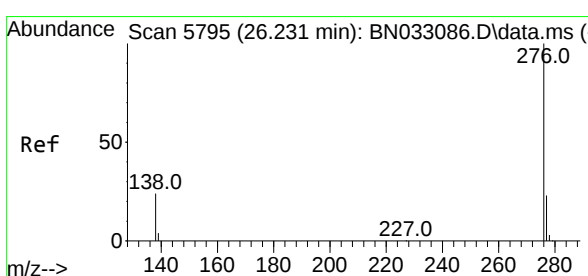
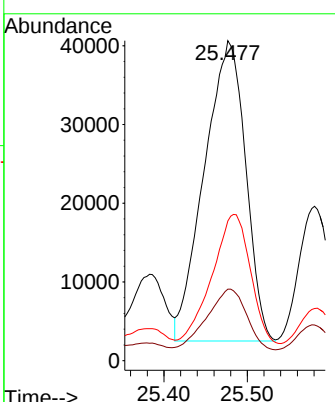
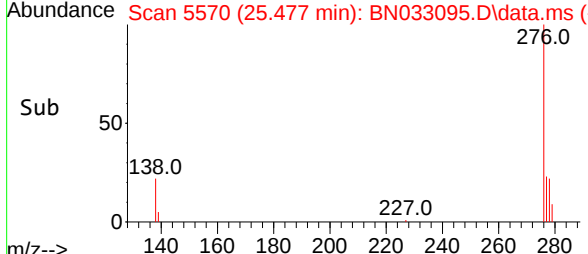
Instrument :
 BNA_N
 ClientSampleId :
 F7E03



Tgt Ion:278 Resp: 131279
 Ion Ratio Lower Upper
 278 100
 139 22.3 22.5 33.7
 279 43.7 25.5 38.3

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



#29
 Benzo(g,h,i)perylene
 Concen: 6.490 ng/ul
 RT: 26.154 min Scan# 5772
 Delta R.T. -0.087 min
 Lab File: BN033095.D
 Acq: 30 Jul 2024 08:19

Tgt Ion:276 Resp: 351888
 Ion Ratio Lower Upper
 276 100
 138 23.7 24.6 37.0#
 277 25.4 22.6 34.0

