

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033094.D
 Acq On : 30 Jul 2024 07:43
 Operator : MA/JU
 Sample : P3329-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E09

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 08:09:12 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	7.491	152	2244	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.246	136	8316	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.111	164	16457	0.400	ng/ul	#-0.06
13) Phenanthrene-d10	16.899	188	13235	0.400	ng/ul	-0.05
17) Chrysene-d12	21.125	240	12850	0.400	ng/ul	-0.03
23) Perylene-d12	23.299	264	13053	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	7312	2.576	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.840	152	2884	0.213	ng/ul	-0.07
18) Fluoranthene-d10	18.944	212	8833	0.243	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.317	128	13567855	635.328	ng/ul#	93
7) 2-Methylnaphthalene	11.923	142	4143683	286.430	ng/ul	94
8) 1-Methylnaphthalene	12.143	142	2114734	135.174	ng/ul	99
10) Acenaphthylene	13.852	152	375793	5.580	ng/ul	97
11) Acenaphthene	14.203	153	3379145	66.701	ng/ul	97
12) Fluorene	15.203	166	3810154	64.528	ng/ul	97
15) Phenanthrene	16.958	178	11525811	324.673	ng/ul	99
16) Anthracene	17.038	178	2651842	83.086	ng/ul	97
19) Fluoranthene	18.991	202	8931223	211.090	ng/ul#	94
20) Pyrene	19.353	202	6953316	153.248	ng/ul	97
21) Benzo(a)anthracene	21.107	228	2498995	57.014	ng/ul	99
22) Chrysene	21.160	228	1938964	37.906	ng/ul	99
24) Benzo(b)fluoranthene	22.653	252	1424254m	37.352	ng/ul	
25) Benzo(k)fluoranthene	22.688	252	574308m	12.568	ng/ul	
26) Benzo(a)pyrene	23.206	252	893893	24.909	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	25.487	276	277679	5.088	ng/ul	90
28) Dibenzo(a,h)anthracene	25.477	278	79305m	1.834	ng/ul	
29) Benzo(g,h,i)perylene	26.151	276	210181	4.848	ng/ul#	90

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

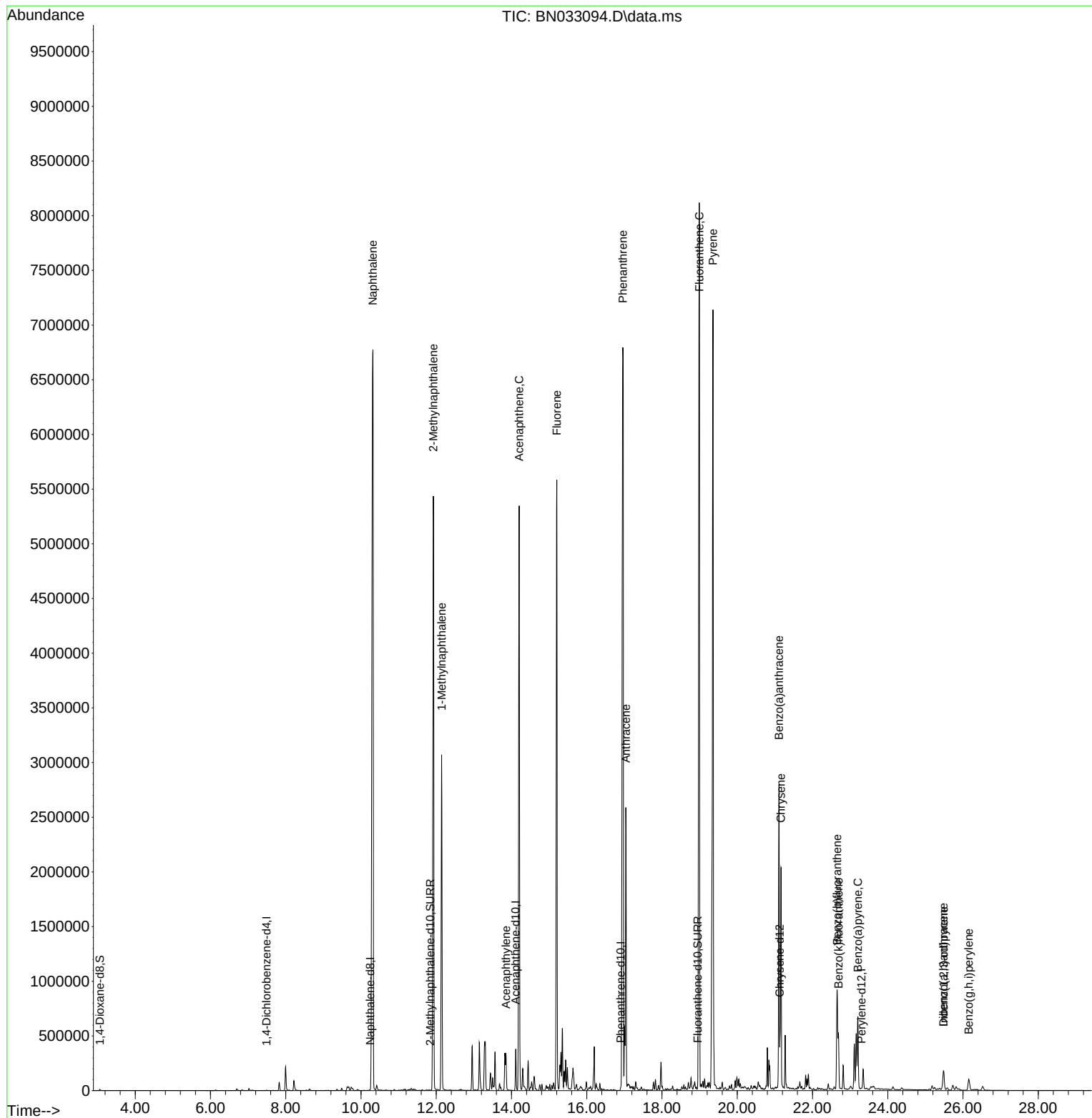
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033094.D
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ALS Vial : 28 Sample Multiplier: 1

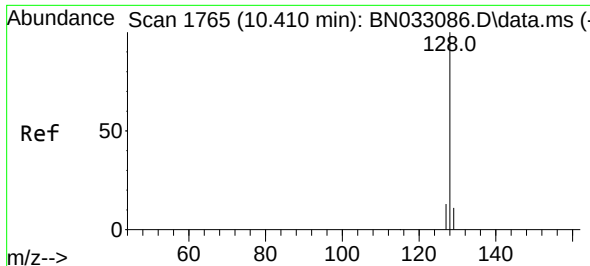
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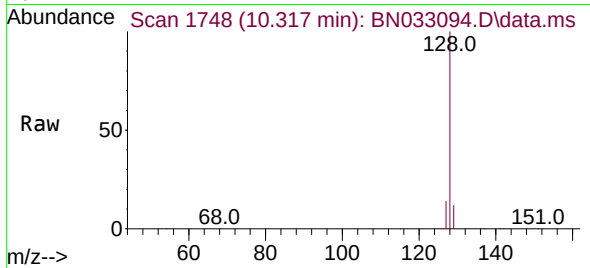
Quant Time: Jul 30 08:09:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 635.328 ng/ul
RT: 10.317 min Scan# 1748
Delta R.T. -0.033 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

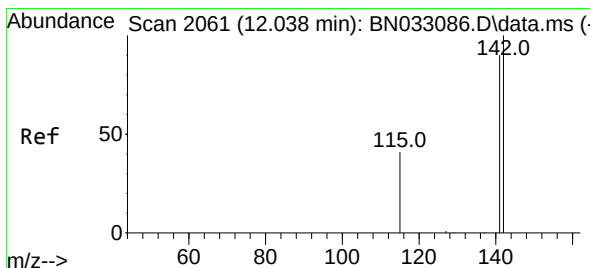
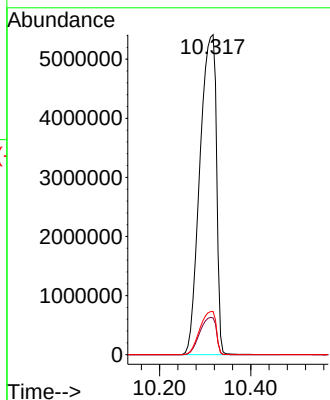
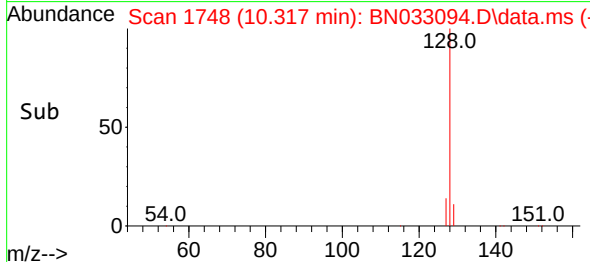
Instrument :
BNA_N
ClientSampleId :
F7E09



Tgt Ion:128 Resp:1356785
Ion Ratio Lower Upper
128 100
129 11.5 12.0 18.0
127 13.5 12.7 19.1

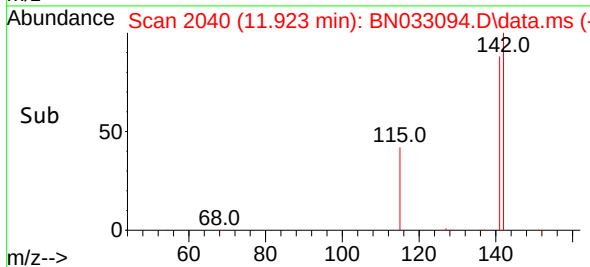
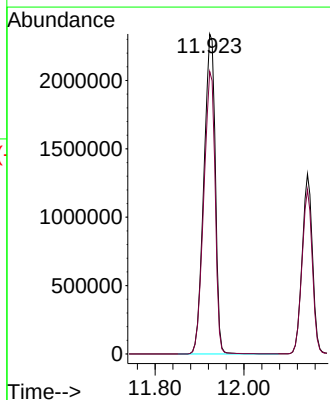
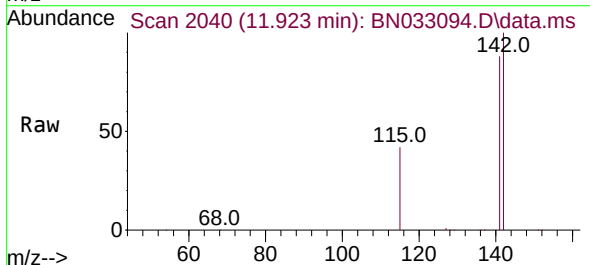
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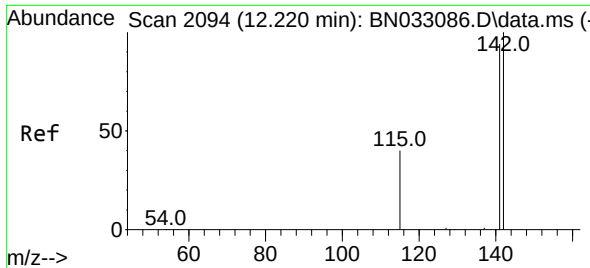
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 286.430 ng/ul
RT: 11.923 min Scan# 2040
Delta R.T. -0.060 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

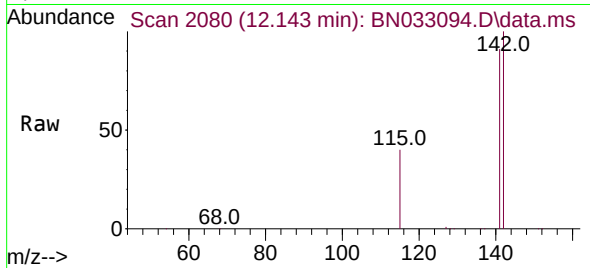
Tgt Ion:142 Resp: 4143683
Ion Ratio Lower Upper
142 100
141 88.2 75.2 112.8





#8
1-Methylnaphthalene
Concen: 135.174 ng/ul
RT: 12.143 min Scan# 2094
Delta R.T. -0.055 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

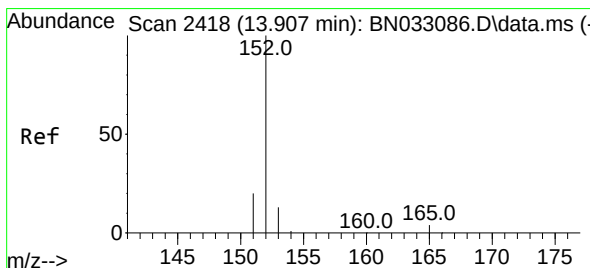
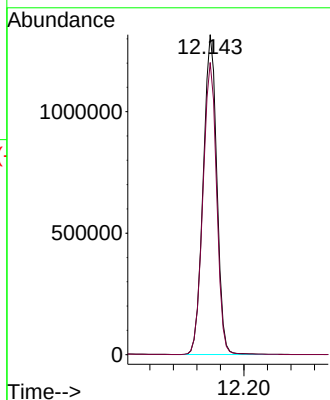
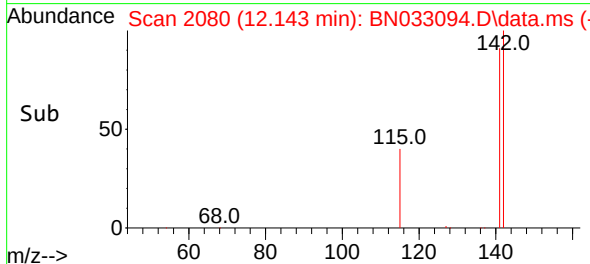
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 2114734
Ion Ratio Lower Upper
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141 91.9 74.3 111.5

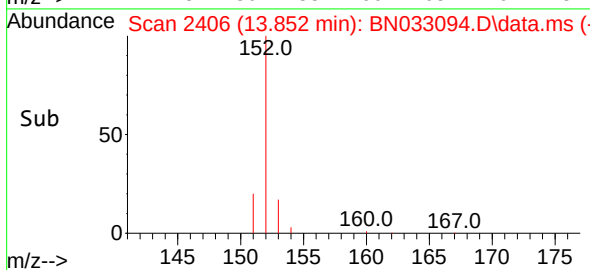
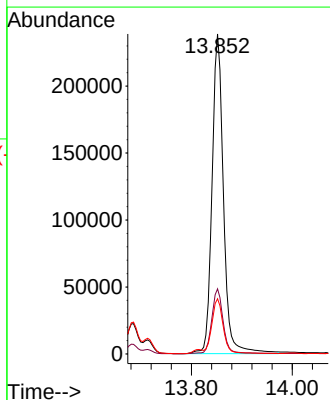
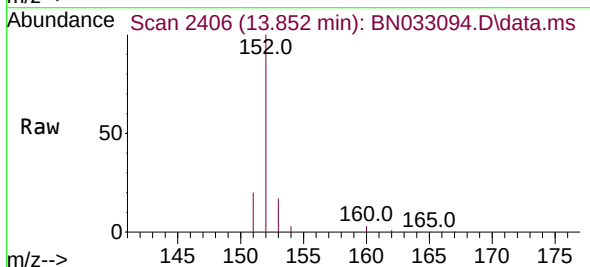
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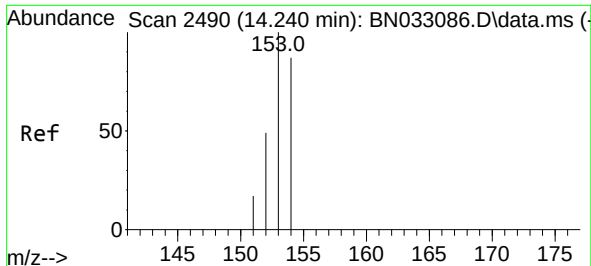
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 5.580 ng/ul
RT: 13.852 min Scan# 2406
Delta R.T. -0.046 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

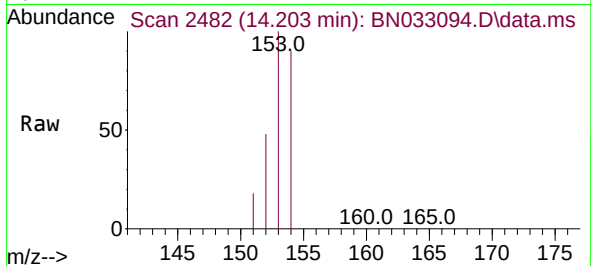
Tgt Ion:152 Resp: 375793
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 17.3 11.9 17.9





#11
Acenaphthene
Concen: 66.701 ng/u1
RT: 14.203 min Scan# 2490
Delta R.T. -0.032 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

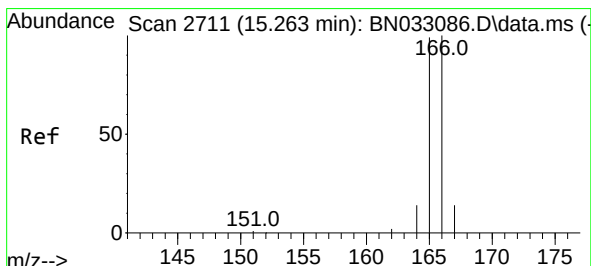
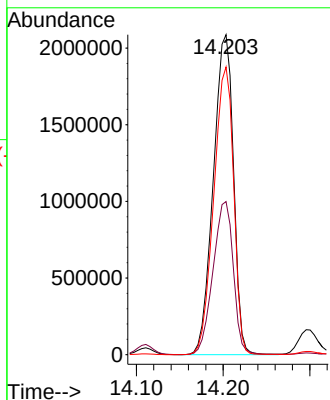
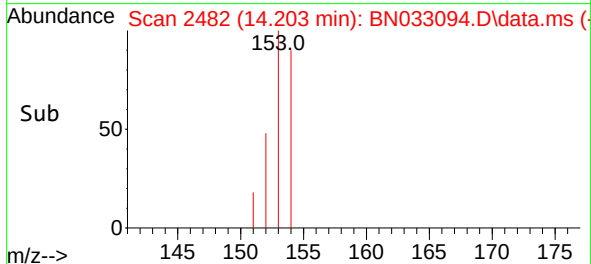
Instrument :
BNA_N
ClientSampleId :
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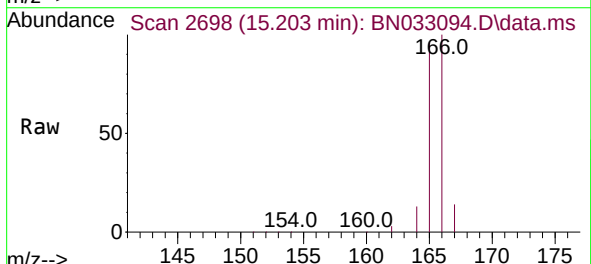
Tgt Ion:153 Resp: 337914
Ion Ratio Lower Upper
153 100
152 47.8 40.0 60.0
154 89.9 70.1 105.1

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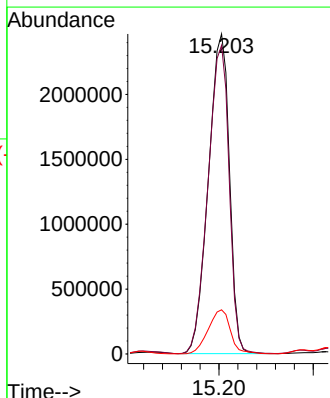
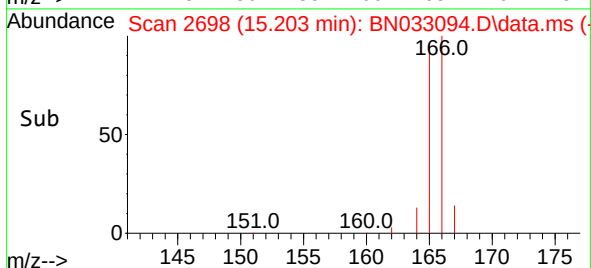
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

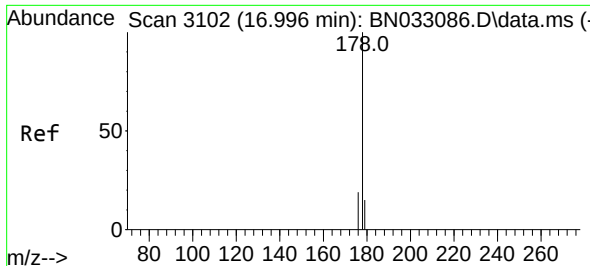


#12
Fluorene
Concen: 64.528 ng/u1
RT: 15.203 min Scan# 2698
Delta R.T. -0.041 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43



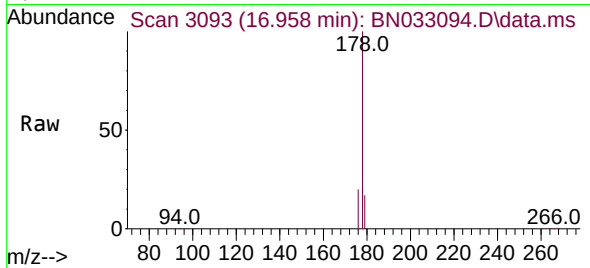
Tgt Ion:166 Resp: 3810154
Ion Ratio Lower Upper
166 100
165 96.5 79.6 119.4
167 13.8 12.2 18.4





#15
Phenanthrene
Concen: 324.673 ng/u1
RT: 16.958 min Scan# 3093
Delta R.T. -0.029 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

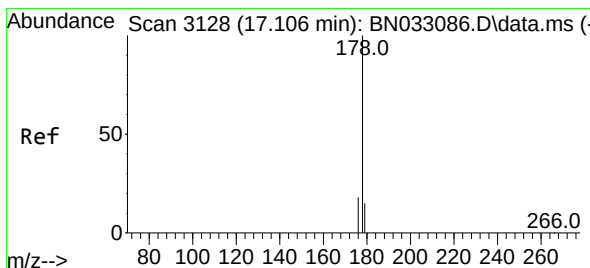
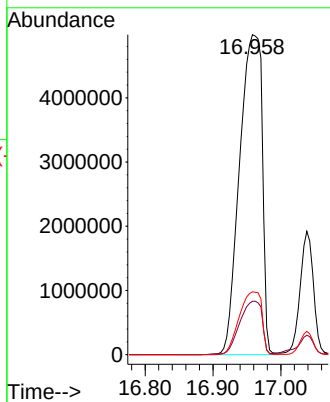
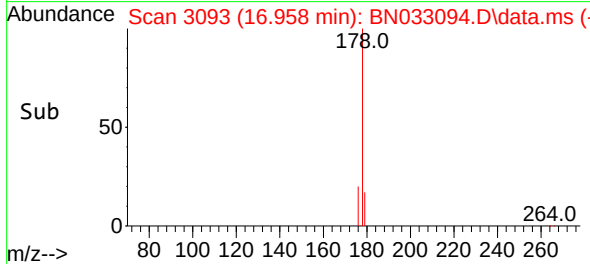
Instrument :
BNA_N
ClientSampleId :
F7E09



Tgt Ion:178 Resp:1152581
Ion Ratio Lower Upper
178 100
179 16.7 13.7 20.5
176 19.6 15.9 23.9

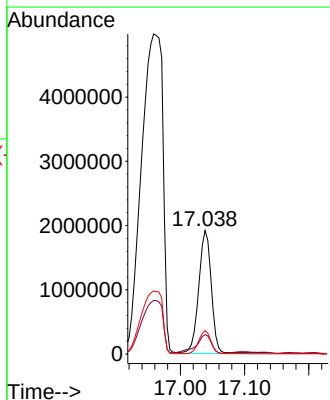
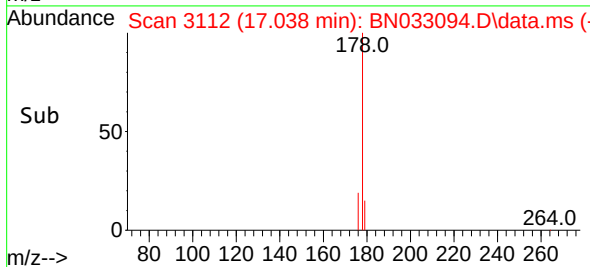
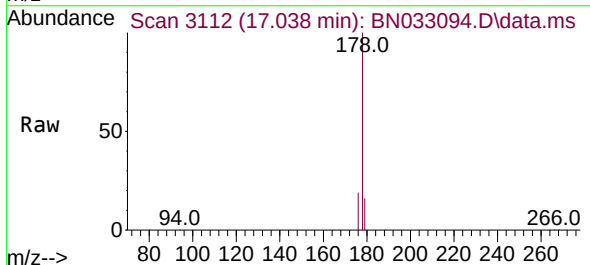
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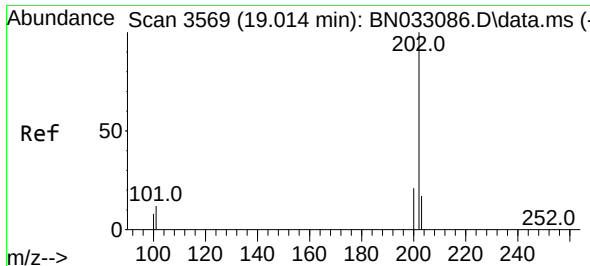
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 83.086 ng/u1
RT: 17.038 min Scan# 3112
Delta R.T. -0.046 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

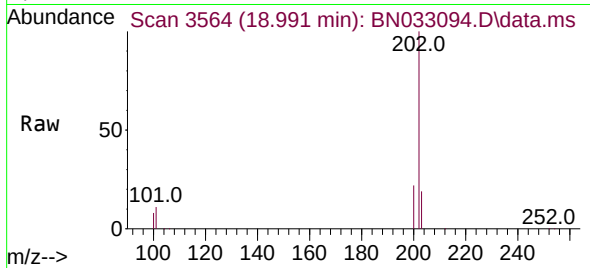
Tgt Ion:178 Resp: 2651842
Ion Ratio Lower Upper
178 100
179 15.8 14.3 21.5
176 18.9 15.8 23.8





#19
Fluoranthene
Concen: 211.090 ng/u1
RT: 18.991 min Scan# 3569
Delta R.T. -0.023 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

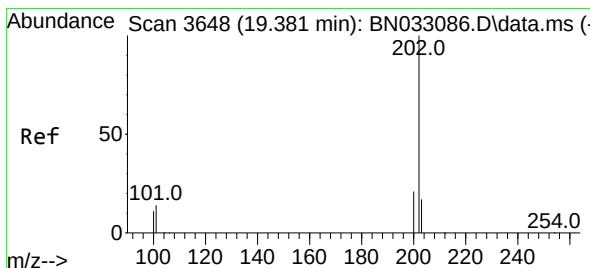
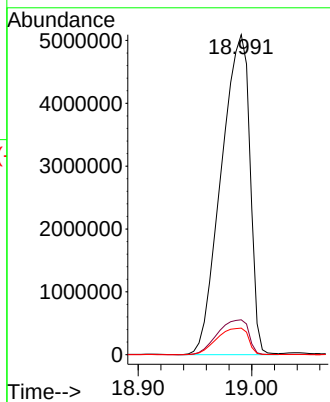
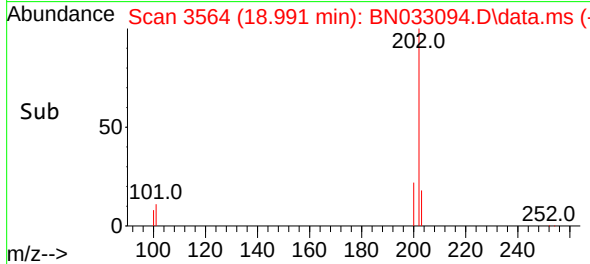
Instrument :
BNA_N
ClientSampleId :
F7E09



Tgt Ion:202 Resp: 893122
Ion Ratio Lower Upper
202 100
101 10.9 10.7 16.1
100 8.3 8.3 12.5

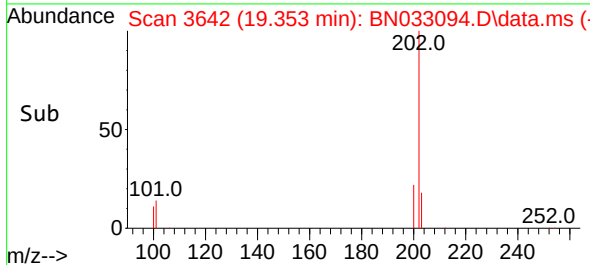
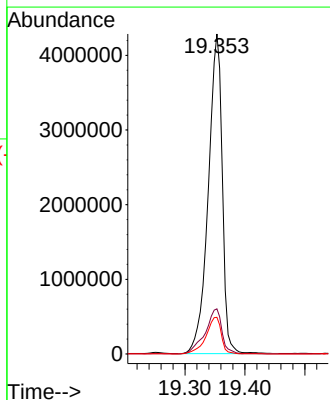
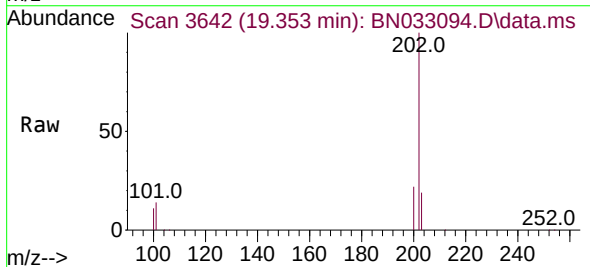
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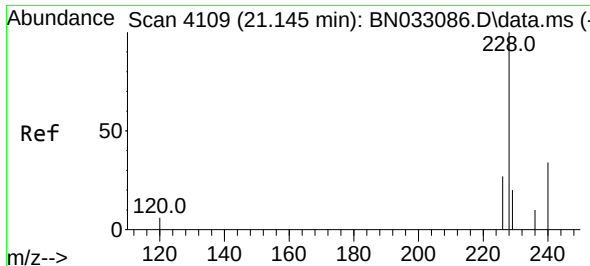
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 153.248 ng/u1
RT: 19.353 min Scan# 3642
Delta R.T. -0.028 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

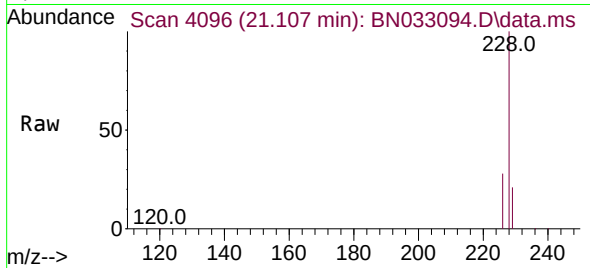
Tgt Ion:202 Resp: 6953316
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.4 9.9 14.9





#21
Benzo(a)anthracene
Concen: 57.014 ng/ul
RT: 21.107 min Scan# 4109
Delta R.T. -0.038 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

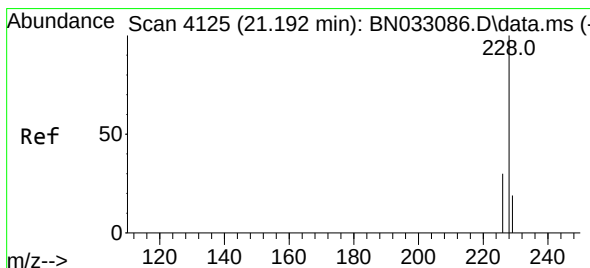
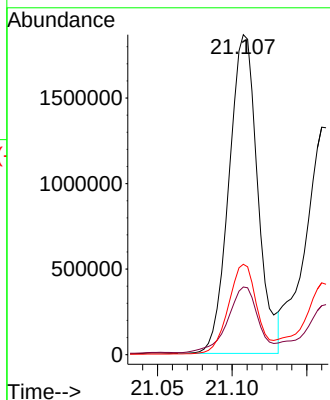
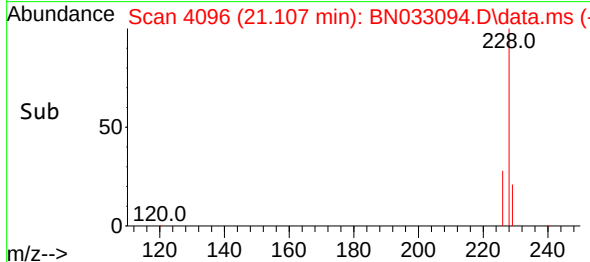
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 2498999
Ion Ratio Lower Upper
228 100
229 21.1 17.1 25.7
226 28.3 22.4 33.6

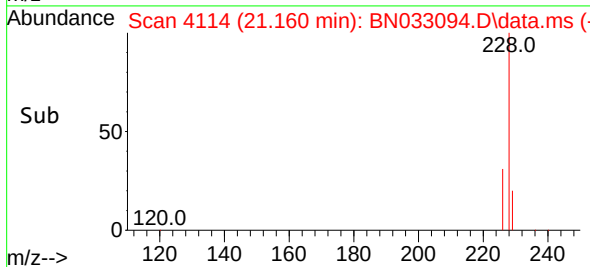
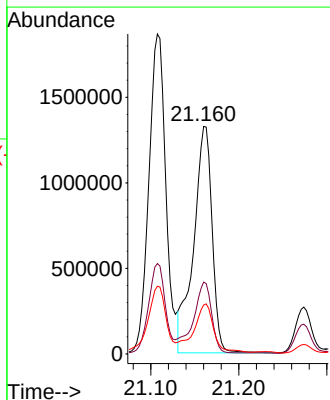
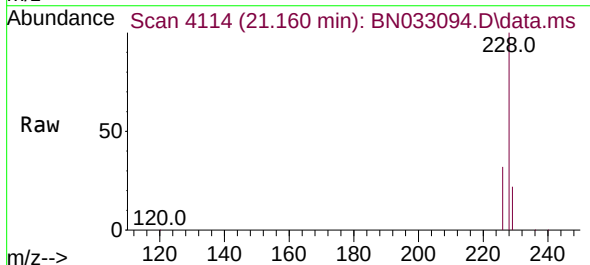
Manual Integrations
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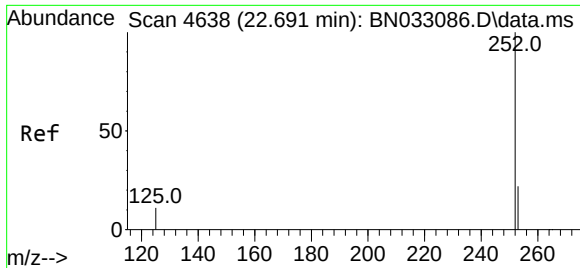
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 37.906 ng/ul
RT: 21.160 min Scan# 4114
Delta R.T. -0.035 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

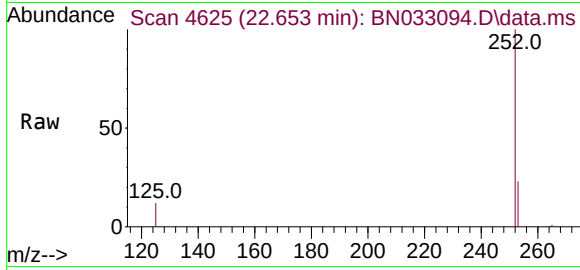
Tgt Ion:228 Resp: 1938964
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 21.5 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 37.352 ng/ul m
RT: 22.653 min Scan# 4625
Delta R.T. -0.041 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

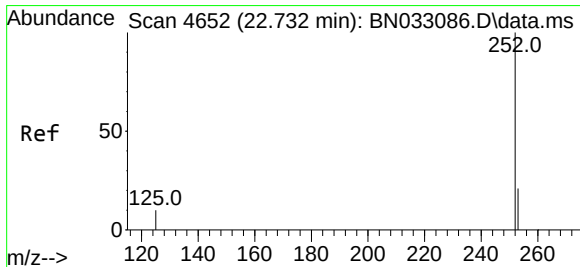
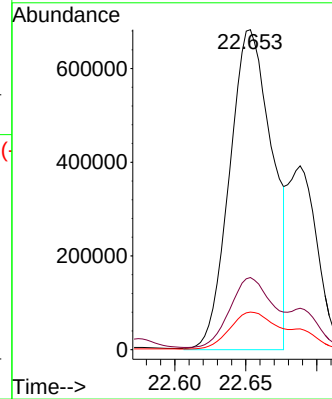
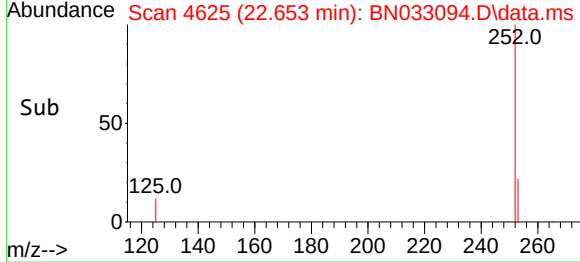
Instrument :
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F7E09



Tgt Ion:252 Resp: 1424254
Ion Ratio Lower Upper
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253 22.6 0.0 60.6
125 11.7 0.0 51.0

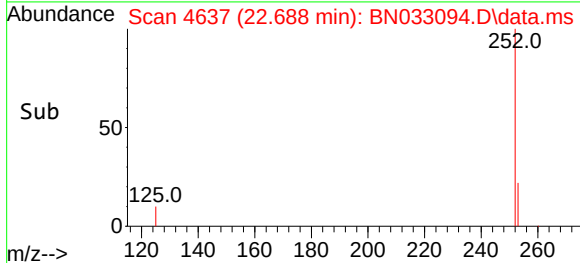
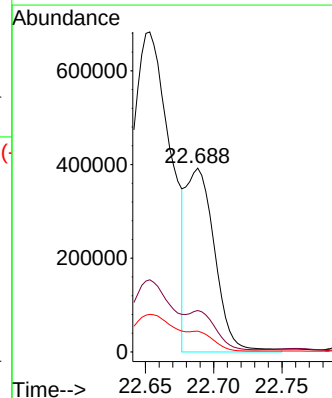
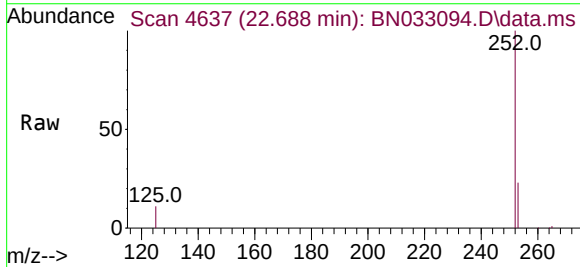
Manual Integrations
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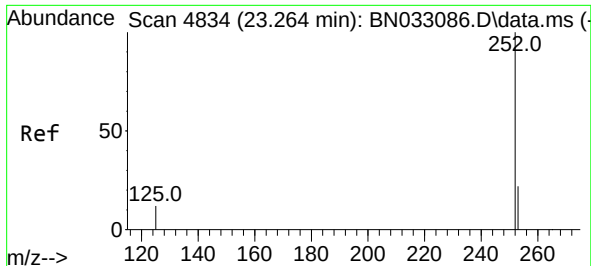
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 12.568 ng/ul m
RT: 22.688 min Scan# 4637
Delta R.T. -0.047 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

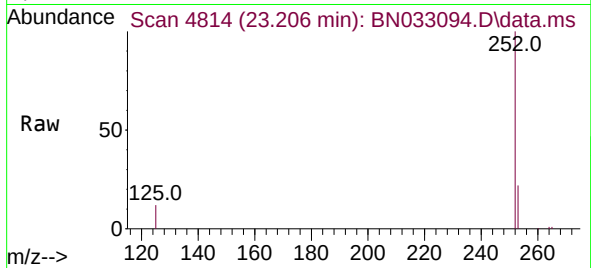
Tgt Ion:252 Resp: 574308
Ion Ratio Lower Upper
252 100
253 22.6 24.9 37.3#
125 11.3 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 24.909 ng/ul
RT: 23.206 min Scan# 4814
Delta R.T. -0.055 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

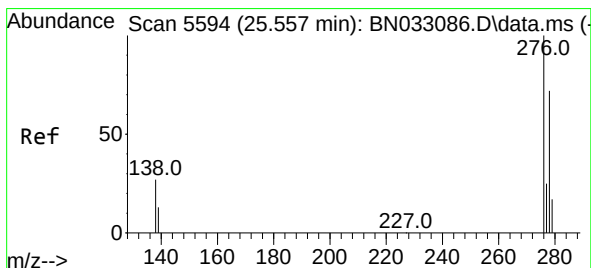
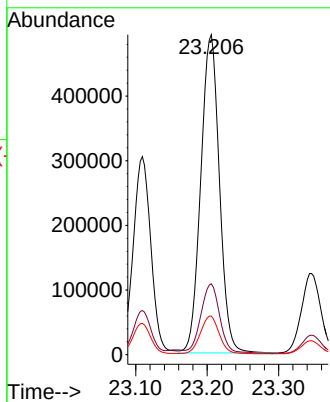
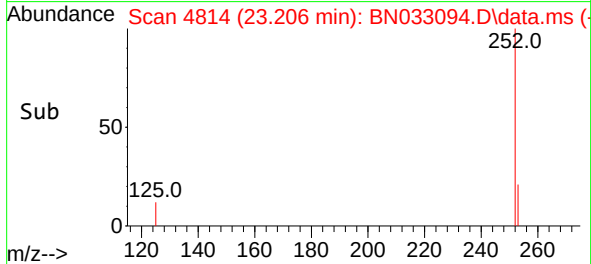
Instrument :
BNA_N
ClientSampleId :
F7E09



Tgt Ion:252 Resp: 89389
Ion Ratio Lower Upper
252 100
253 22.1 27.5 41.3
125 12.0 27.0 40.6

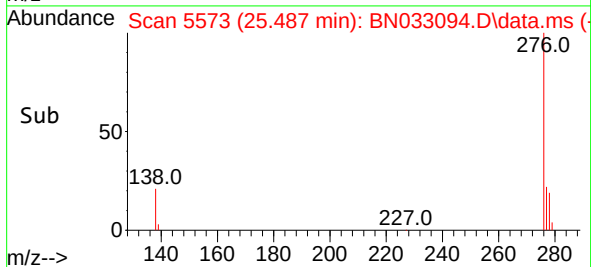
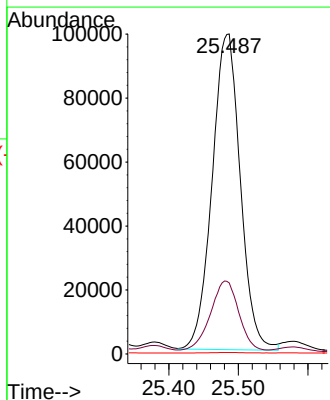
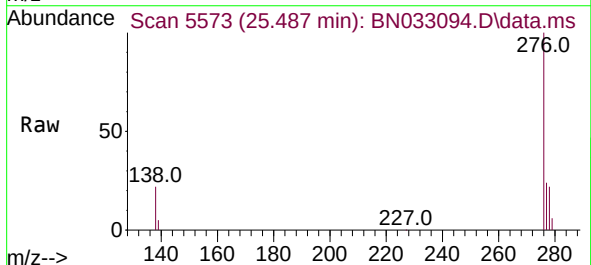
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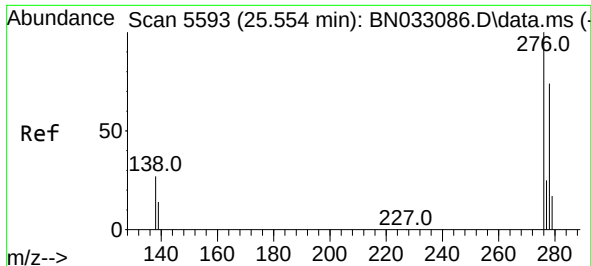
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.088 ng/ul
RT: 25.487 min Scan# 5573
Delta R.T. -0.074 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

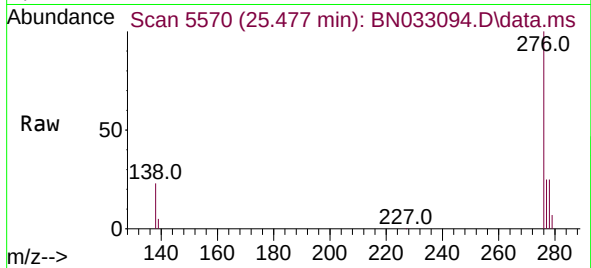
Tgt Ion:276 Resp: 277679
Ion Ratio Lower Upper
276 100
138 22.3 21.8 32.8
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.834 ng/ul m
RT: 25.477 min Scan# 5593
Delta R.T. -0.084 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43

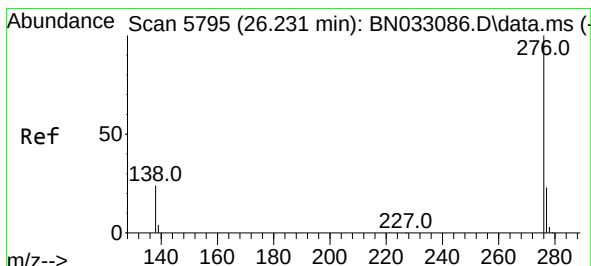
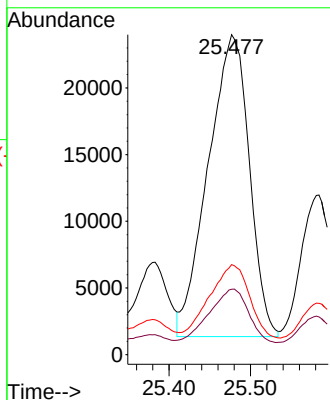
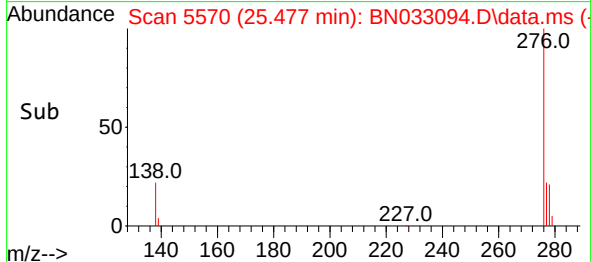
Instrument :
BNA_N
ClientSampleId :
F7E09



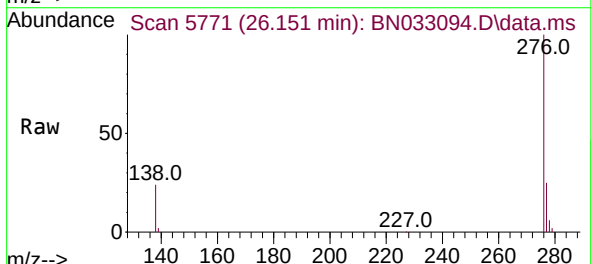
Tgt Ion:278 Resp: 7930
Ion Ratio Lower Upper
278 100
139 20.5 22.5 33.7
279 28.1 25.5 38.3

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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: 4.848 ng/ul
RT: 26.151 min Scan# 5771
Delta R.T. -0.090 min
Lab File: BN033094.D
Acq: 30 Jul 2024 07:43



Tgt Ion:276 Resp: 210181
Ion Ratio Lower Upper
276 100
138 23.6 24.6 37.0
277 25.3 22.6 34.0

