

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033096.D
 Acq On : 30 Jul 2024 08:56
 Operator : MA/JU
 Sample : P3329-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E02

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 09:23:36 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	2167	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.240	136	7891	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.111	164	11989	0.400	ng/ul	#-0.06
13) Phenanthrene-d10	16.899	188	12783m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.125	240	11739m	0.400	ng/ul	-0.04
23) Perylene-d12	23.302	264	14162m	0.400	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	7907	2.885	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.840	152	2892	0.225	ng/ul	-0.07
18) Fluoranthene-d10	18.944	212	9577m	0.288	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.300	128	7927976	391.229	ng/ul#	93
7) 2-Methylnaphthalene	11.917	142	2121761	154.565	ng/ul	95
8) 1-Methylnaphthalene	12.143	142	1027610	69.223	ng/ul	100
10) Acenaphthylene	13.852	152	151501	3.088	ng/ul#	95
11) Acenaphthene	14.199	153	1908939	51.723	ng/ul	97
12) Fluorene	15.198	166	2207961	51.329	ng/ul	97
15) Phenanthrene	16.954	178	8134089m	237.233	ng/ul	
16) Anthracene	17.034	178	1759998m	57.093	ng/ul	
19) Fluoranthene	18.981	202	5641831m	145.965	ng/ul	
20) Pyrene	19.348	202	4284572m	103.367	ng/ul	
21) Benzo(a)anthracene	21.107	228	1629252m	40.689	ng/ul	
22) Chrysene	21.160	228	1278389m	27.357	ng/ul	
24) Benzo(b)fluoranthene	22.653	252	1098588m	26.555	ng/ul	
25) Benzo(k)fluoranthene	22.691	252	429956m	8.672	ng/ul	
26) Benzo(a)pyrene	23.206	252	688640m	17.687	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.487	276	243046m	4.105	ng/ul	
28) Dibenzo(a,h)anthracene	25.480	278	70454m	1.501	ng/ul	
29) Benzo(g,h,i)perylene	26.157	276	193576m	4.115	ng/ul	

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

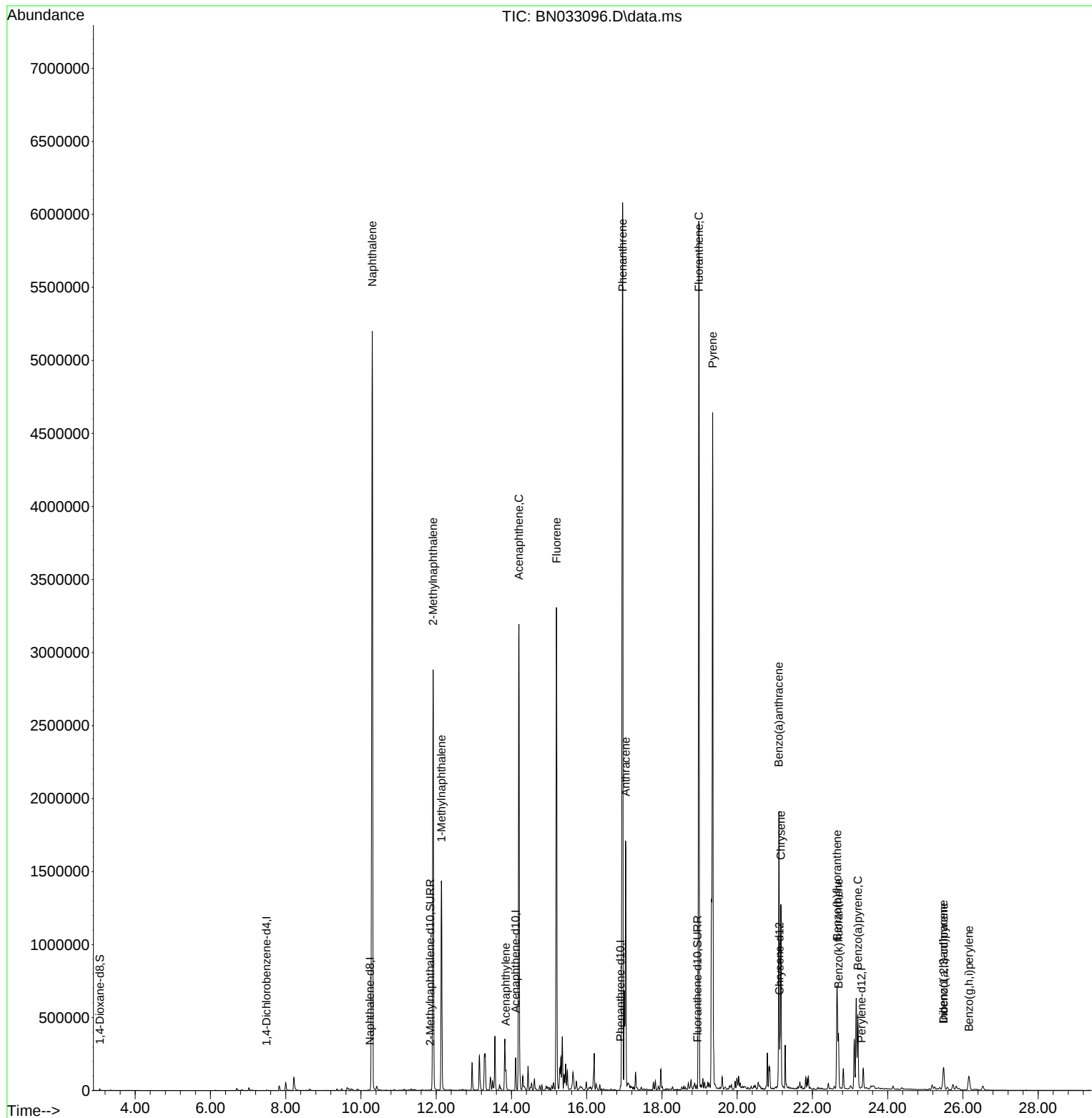
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033096.D
Acq On : 30 Jul 2024 08:56
Operator : MA/JU
Sample : P3329-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

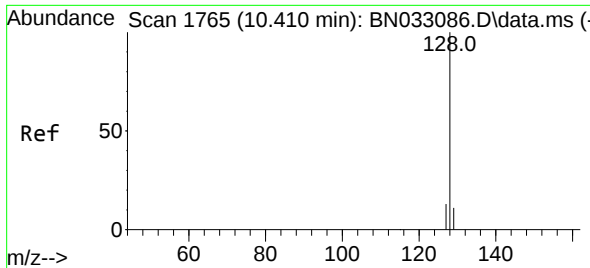
Instrument :
BNA_N
ClientSampleId :
F7E02

Manual Integrations
APPROVED

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

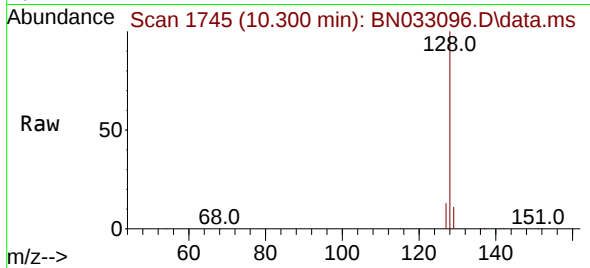
Quant Time: Jul 30 09:23:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 391.229 ng/ul
RT: 10.300 min Scan# 1765
Delta R.T. -0.049 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

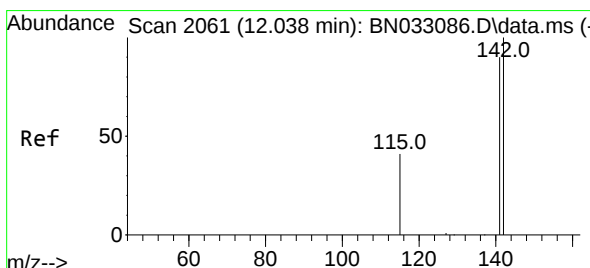
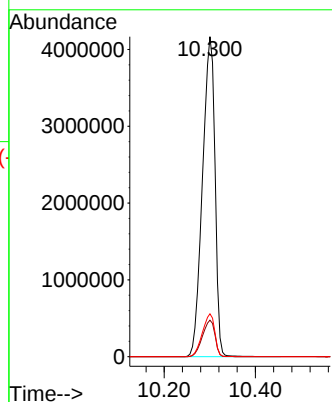
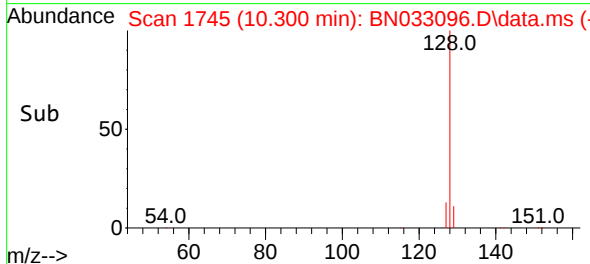
Instrument :
BNA_N
ClientSampleId :
F7E02



Tgt Ion:128 Resp: 7927970
Ion Ratio Lower Upper
128 100
129 11.4 12.0 18.0
127 13.4 12.7 19.1

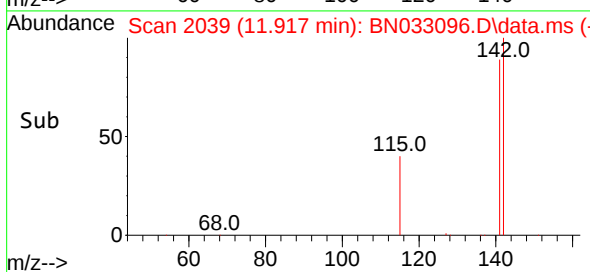
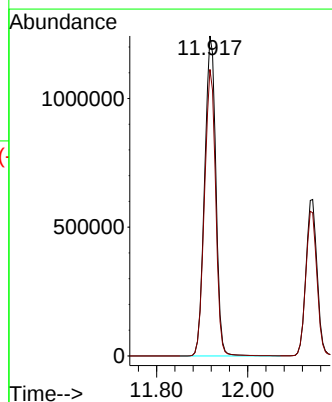
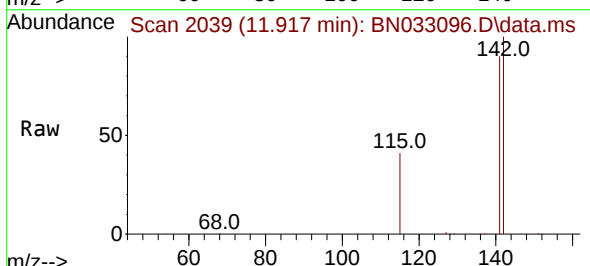
Manual Integrations
APPROVED

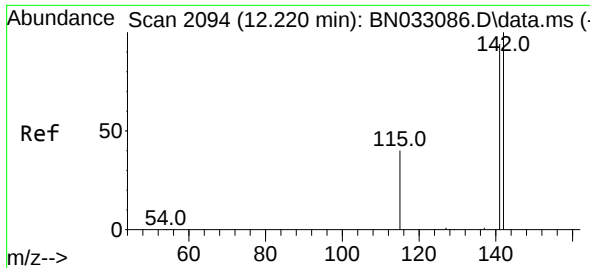
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 154.565 ng/ul
RT: 11.917 min Scan# 2039
Delta R.T. -0.066 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

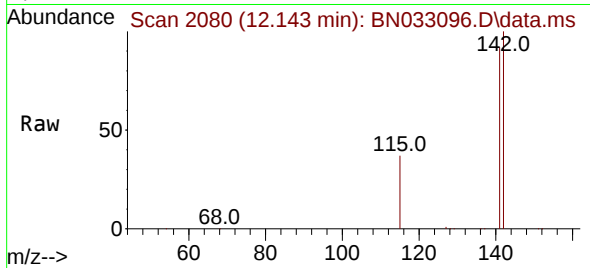
Tgt Ion:142 Resp: 2121761
Ion Ratio Lower Upper
142 100
141 89.2 75.2 112.8





#8
1-Methylnaphthalene
Concen: 69.223 ng/ul
RT: 12.143 min Scan# 2094
Delta R.T. -0.055 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

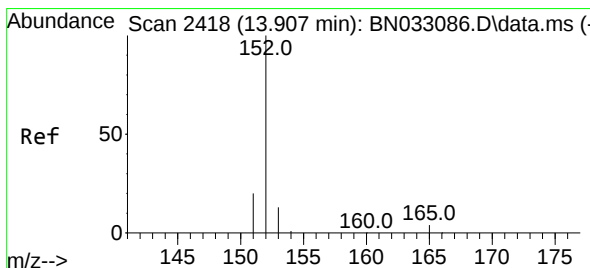
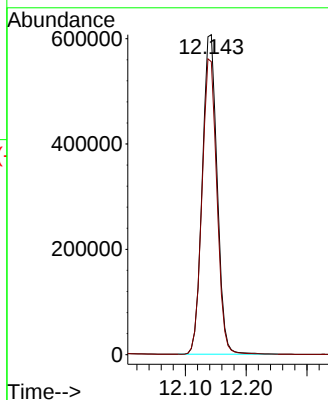
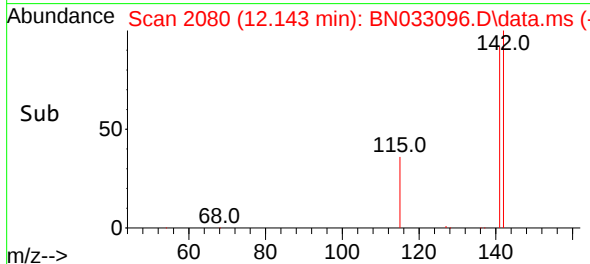
Instrument :
BNA_N
ClientSampleId :
F7E02



Tgt Ion:142 Resp: 1027610
Ion Ratio Lower Upper
142 100
141 92.6 74.3 111.5

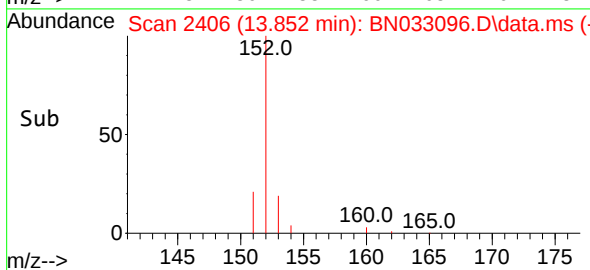
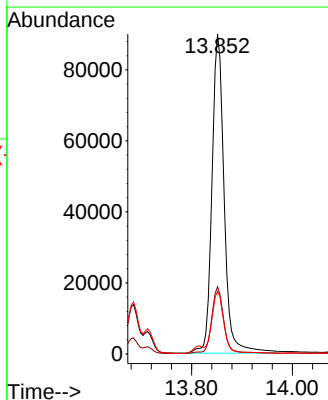
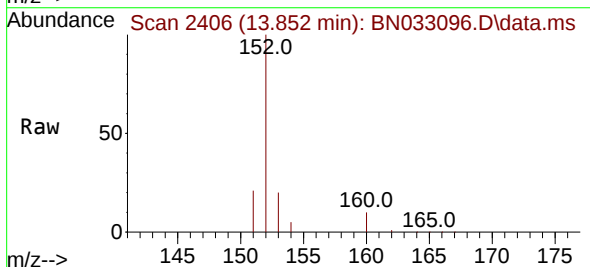
Manual Integrations
APPROVED

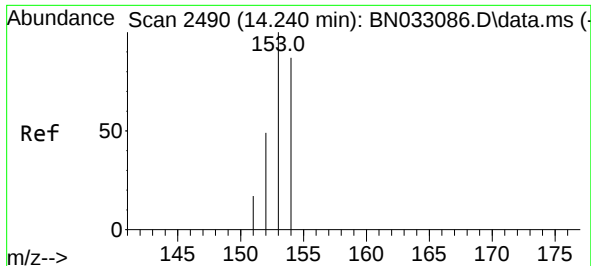
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 3.088 ng/ul
RT: 13.852 min Scan# 2406
Delta R.T. -0.046 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

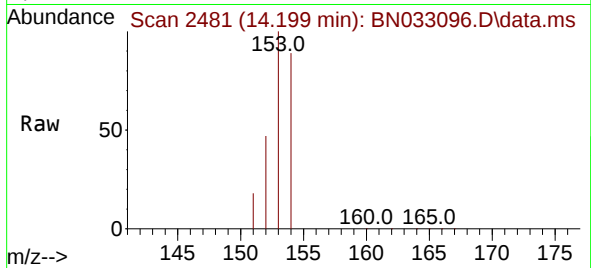
Tgt Ion:152 Resp: 151501
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 19.6 11.9 17.9#





#11
Acenaphthene
Concen: 51.723 ng/ul
RT: 14.199 min Scan# 2490
Delta R.T. -0.037 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

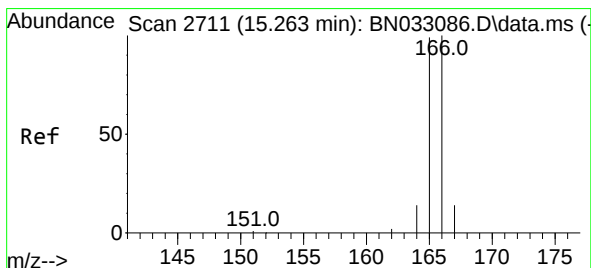
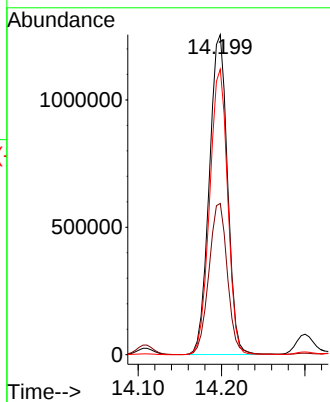
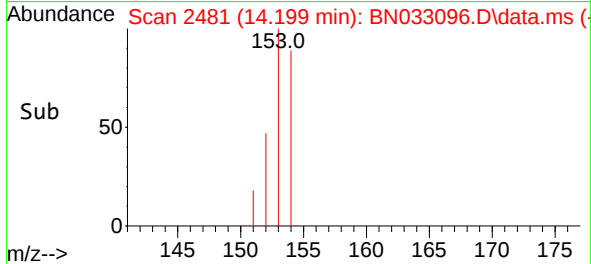
Instrument :
BNA_N
ClientSampleId :
F7E02



Tgt Ion:153 Resp: 1908939
Ion Ratio Lower Upper
153 100
152 47.3 40.0 60.0
154 89.2 70.1 105.1

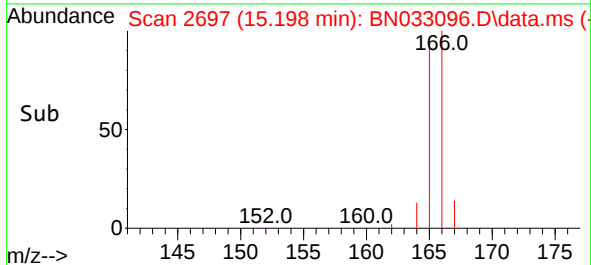
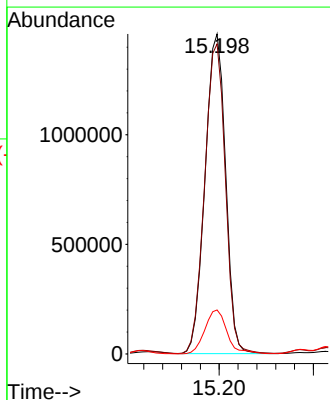
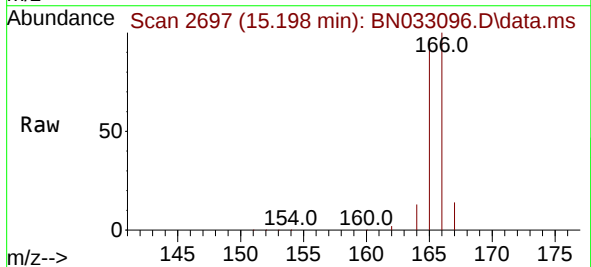
Manual Integrations
APPROVED

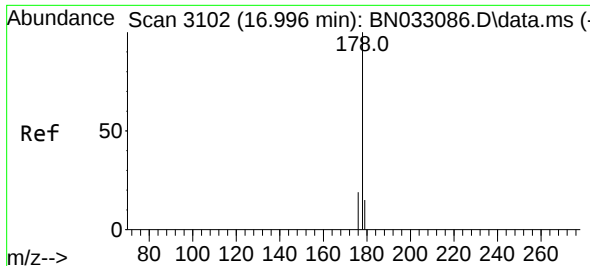
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#12
Fluorene
Concen: 51.329 ng/ul
RT: 15.198 min Scan# 2697
Delta R.T. -0.046 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

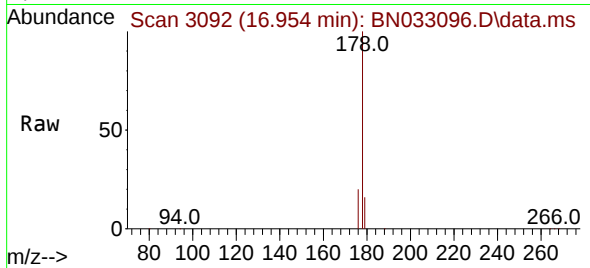
Tgt Ion:166 Resp: 2207961
Ion Ratio Lower Upper
166 100
165 96.9 79.6 119.4
167 13.7 12.2 18.4





#15
Phenanthrene
Concen: 237.233 ng/ul m
RT: 16.954 min Scan# 3102
Delta R.T. -0.034 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

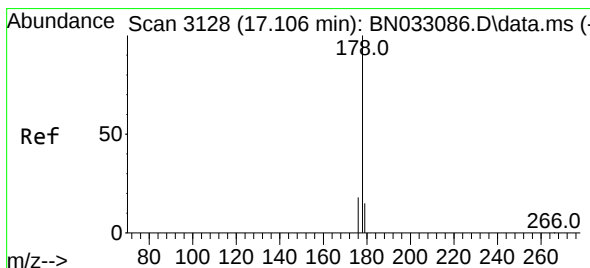
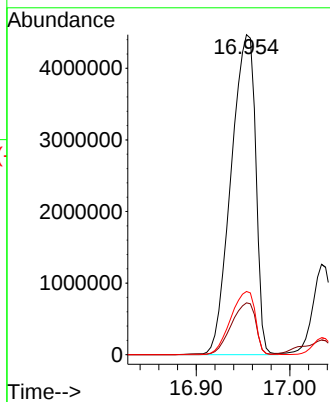
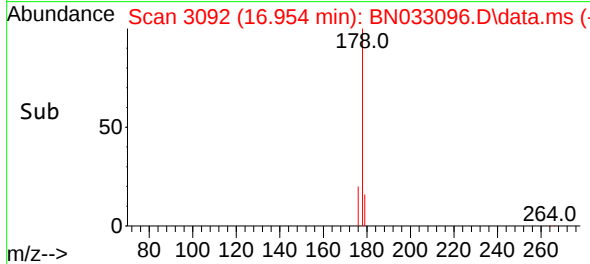
Instrument :
BNA_N
ClientSampleId :
F7E02



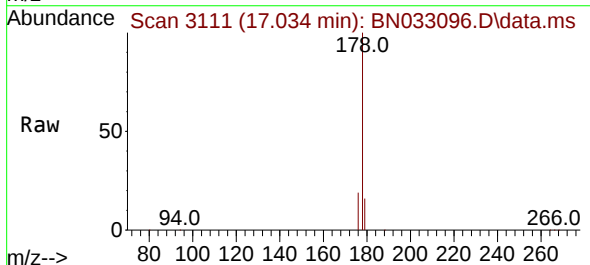
Tgt Ion:178 Resp: 8134089
Ion Ratio Lower Upper
178 100
179 16.2 13.7 20.5
176 19.8 15.9 23.9

Manual Integrations
APPROVED

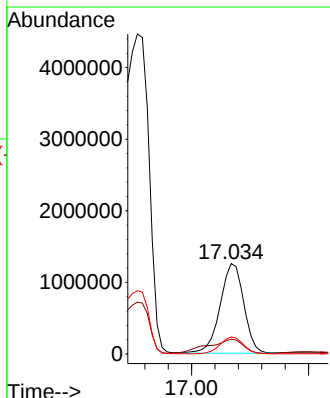
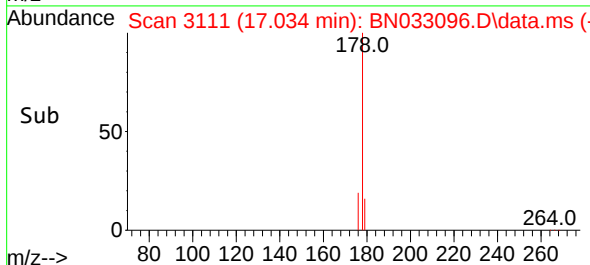
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

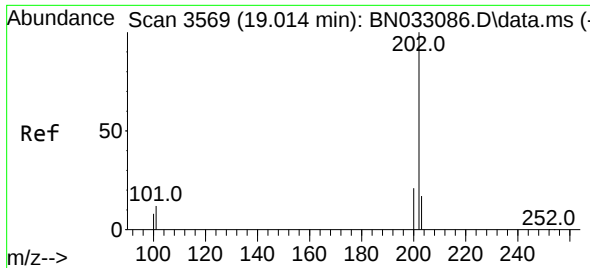


#16
Anthracene
Concen: 57.093 ng/ul m
RT: 17.034 min Scan# 3111
Delta R.T. -0.051 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56



Tgt Ion:178 Resp: 1759998
Ion Ratio Lower Upper
178 100
179 16.2 14.3 21.5
176 18.8 15.8 23.8





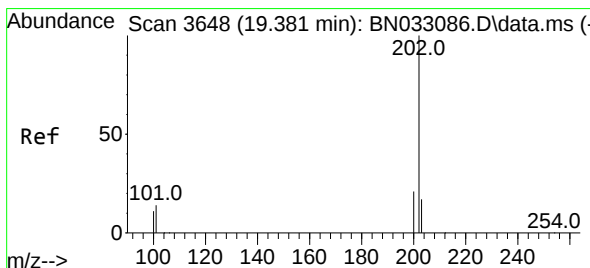
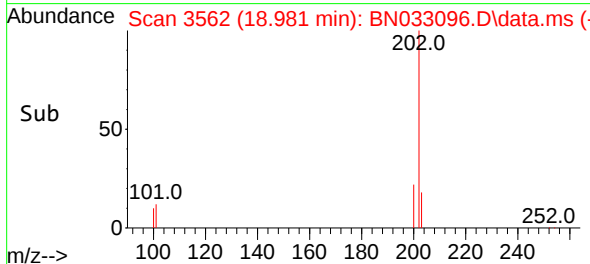
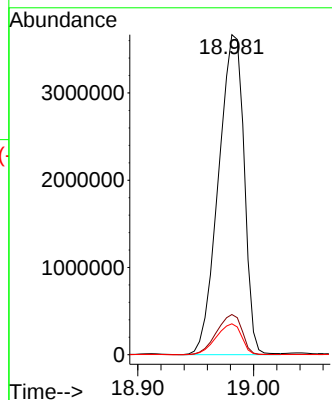
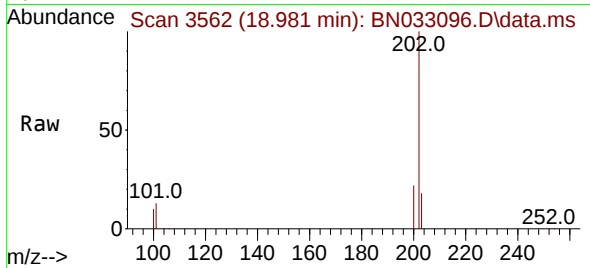
#19
Fluoranthene
Concen: 145.965 ng/ul m
RT: 18.981 min Scan# 3562
Delta R.T. -0.033 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

Instrument :
BNA_N
ClientSampleId :
F7E02

Tgt Ion:202 Resp: 564183
Ion Ratio Lower Upper
202 100
101 12.6 10.7 16.1
100 9.6 8.3 12.5

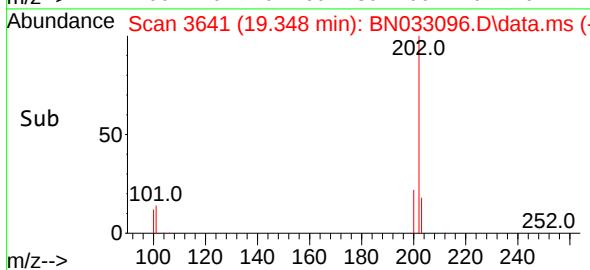
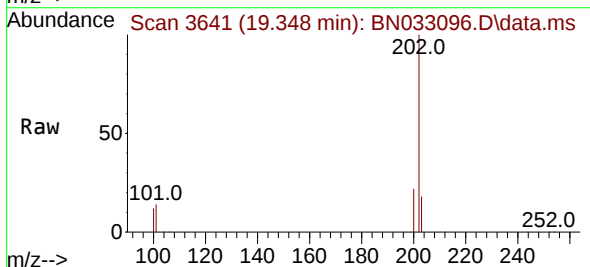
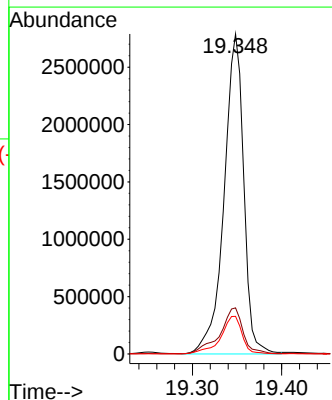
Manual Integrations
APPROVED

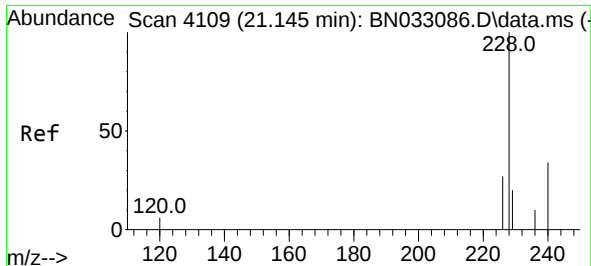
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 103.367 ng/ul m
RT: 19.348 min Scan# 3641
Delta R.T. -0.033 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

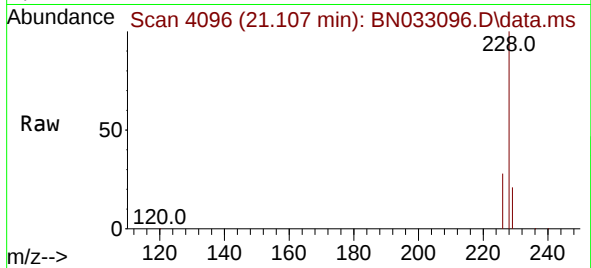
Tgt Ion:202 Resp: 4284572
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 11.8 9.9 14.9





#21
Benzo(a)anthracene
Concen: 40.689 ng/ul m
RT: 21.107 min Scan# 4109
Delta R.T. -0.038 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

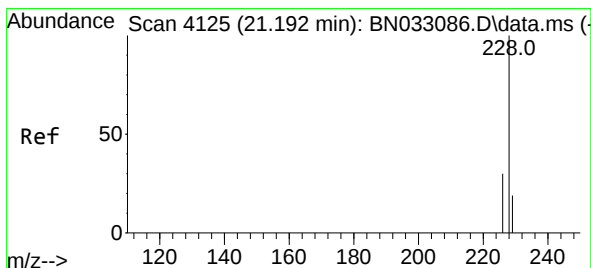
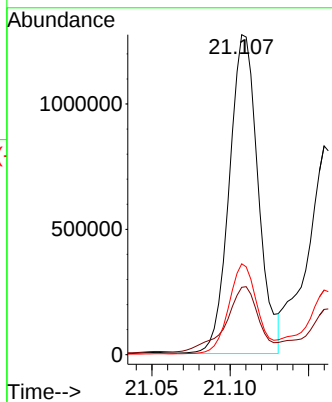
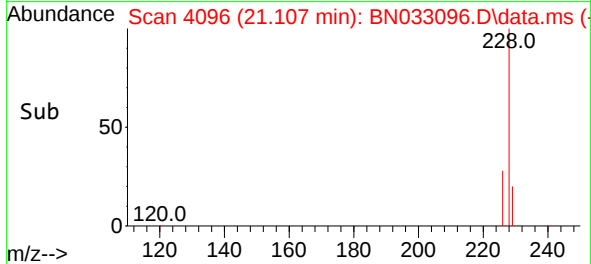
Instrument :
BNA_N
ClientSampleId :
F7E02



Tgt Ion:228 Resp: 162925
Ion Ratio Lower Upper
228 100
229 21.0 17.1 25.7
226 28.4 22.4 33.6

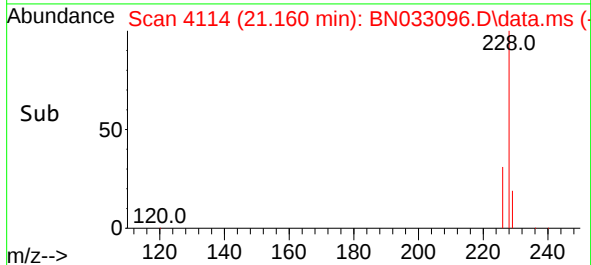
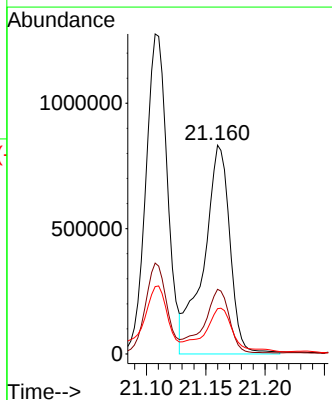
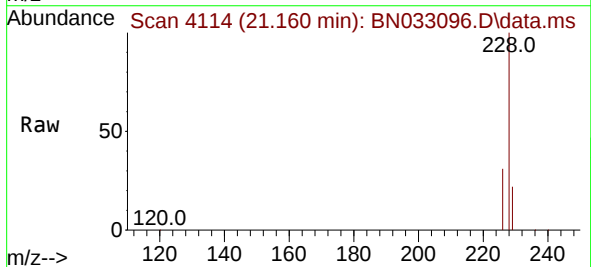
Manual Integrations
APPROVED

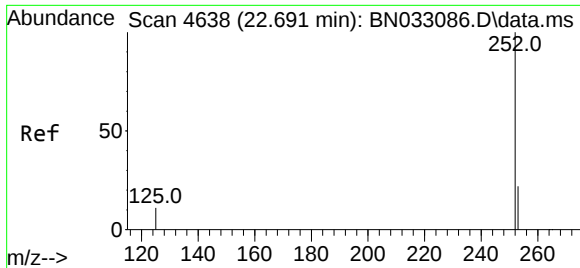
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 27.357 ng/ul m
RT: 21.160 min Scan# 4114
Delta R.T. -0.035 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

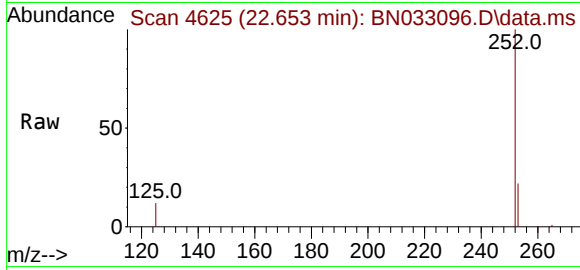
Tgt Ion:228 Resp: 1278389
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 21.7 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 26.555 ng/ul m
RT: 22.653 min Scan# 4625
Delta R.T. -0.041 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

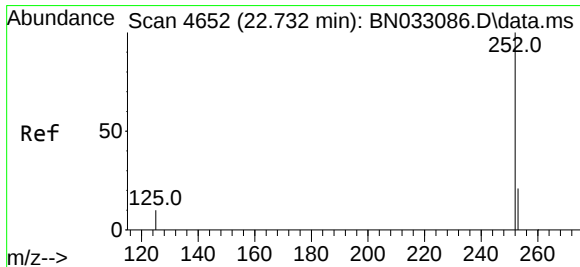
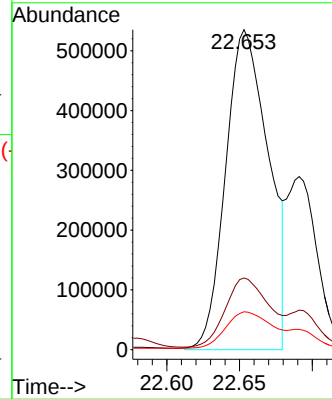
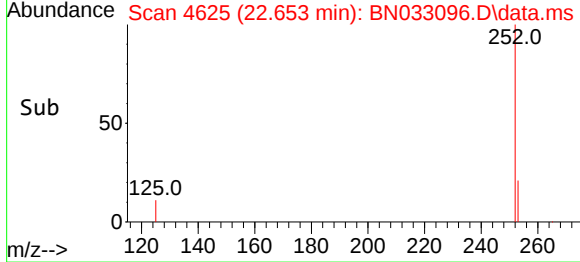
Instrument :
BNA_N
ClientSampleId :
F7E02



Tgt Ion:252 Resp: 109858
Ion Ratio Lower Upper
252 100
253 22.4 0.0 60.6
125 11.9 0.0 51.0

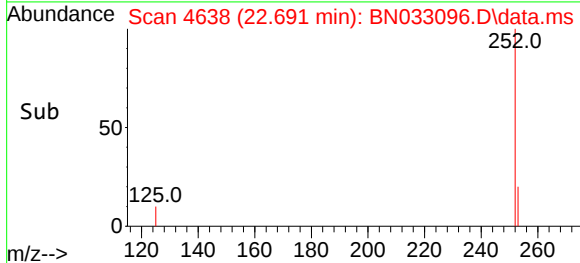
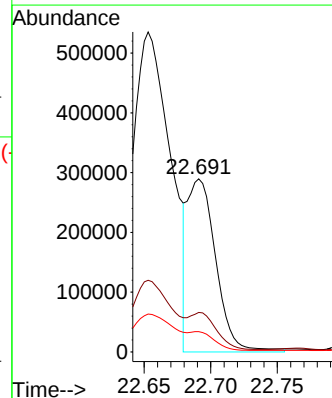
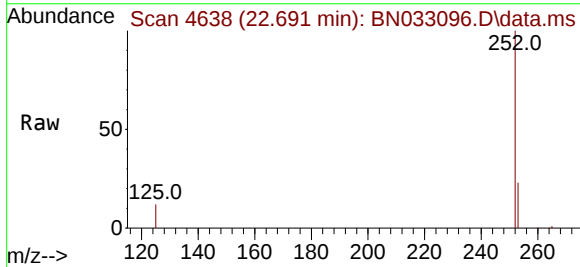
Manual Integrations
APPROVED

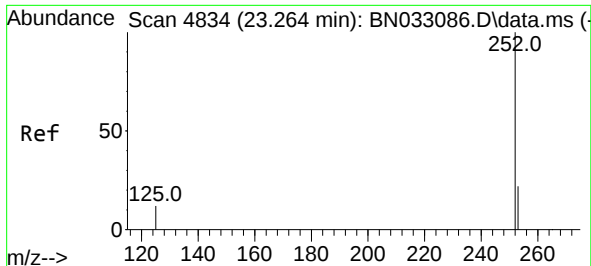
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 8.672 ng/ul m
RT: 22.691 min Scan# 4638
Delta R.T. -0.044 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

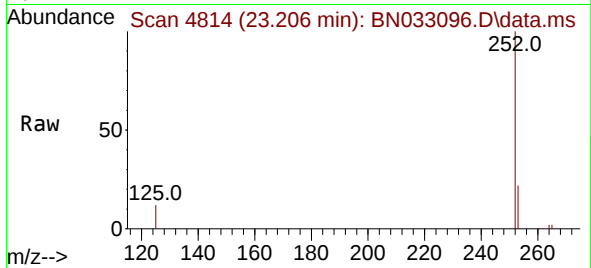
Tgt Ion:252 Resp: 429956
Ion Ratio Lower Upper
252 100
253 22.8 24.9 37.3#
125 11.7 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 17.687 ng/ul m
RT: 23.206 min Scan# 4814
Delta R.T. -0.056 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

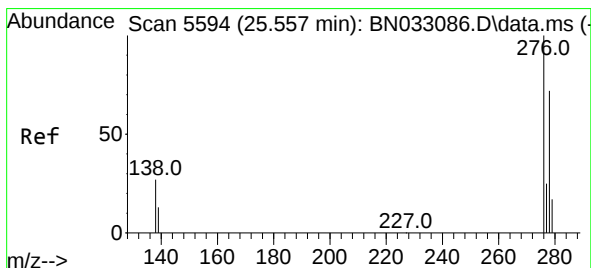
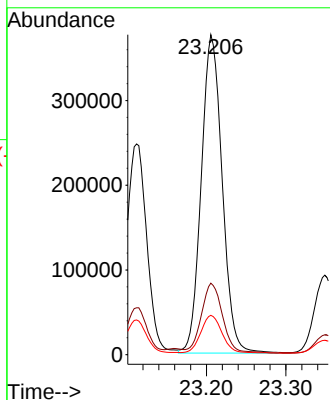
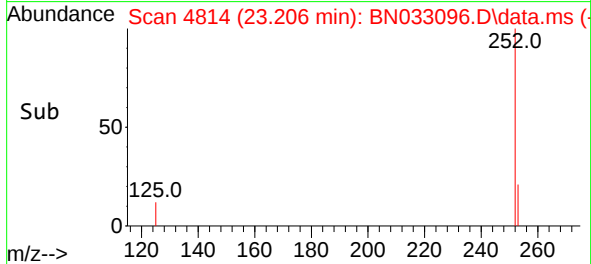
Instrument :
BNA_N
ClientSampleId :
F7E02



Tgt Ion:252 Resp: 688640
Ion Ratio Lower Upper
252 100
253 22.4 27.5 41.3
125 12.3 27.0 40.6

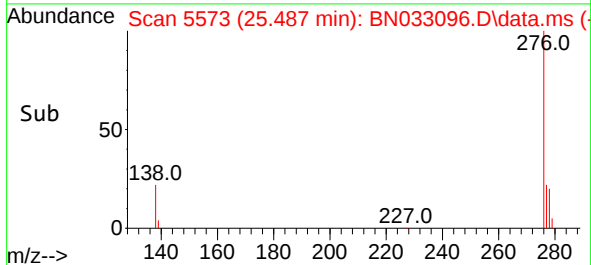
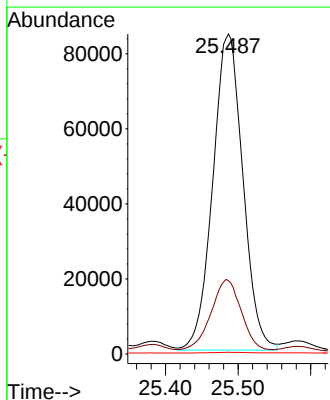
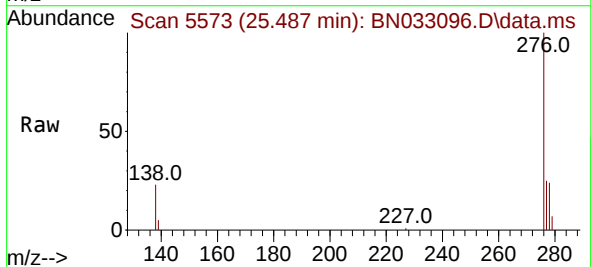
Manual Integrations
APPROVED

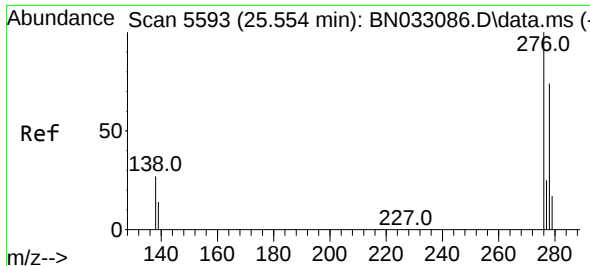
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.105 ng/ul m
RT: 25.487 min Scan# 5573
Delta R.T. -0.074 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

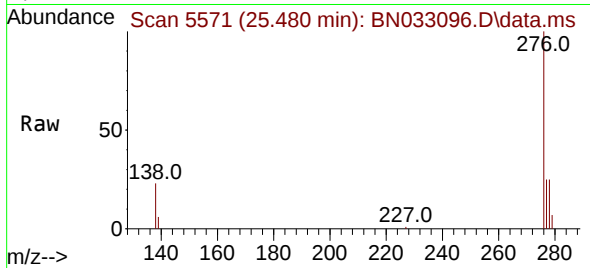
Tgt Ion:276 Resp: 243046
Ion Ratio Lower Upper
276 100
138 19.6 21.8 32.8
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 1.501 ng/ul m
RT: 25.480 min Scan# 51
Delta R.T. -0.080 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56

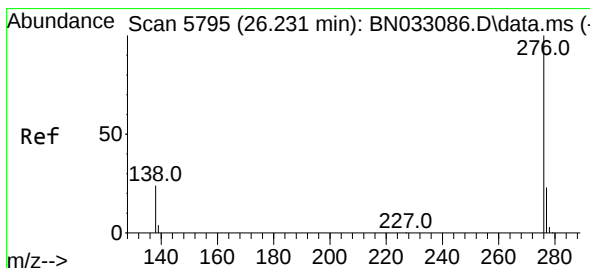
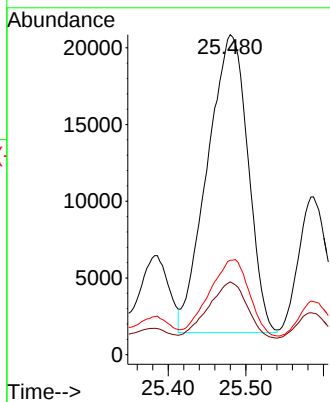
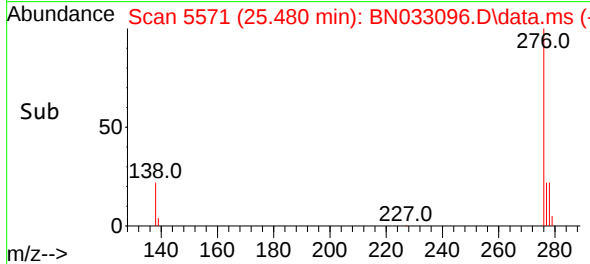
Instrument :
BNA_N
ClientSampleId :
F7E02



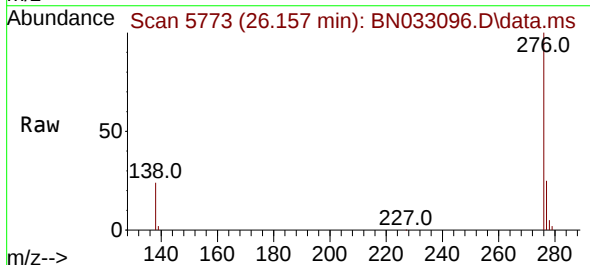
Tgt Ion:278 Resp: 70454
Ion Ratio Lower Upper
278 100
139 22.7 22.5 33.7
279 29.5 25.5 38.3

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 4.115 ng/ul m
RT: 26.157 min Scan# 5773
Delta R.T. -0.084 min
Lab File: BN033096.D
Acq: 30 Jul 2024 08:56



Tgt Ion:276 Resp: 193576
Ion Ratio Lower Upper
276 100
138 24.0 24.6 37.0#
277 25.2 22.6 34.0

