

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033091.D
 Acq On : 30 Jul 2024 05:54
 Operator : MA/JU
 Sample : P3329-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E20

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 06:20:10 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	2554	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.245	136	8296	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.134	164	6612	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.899	188	14104m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.137	240	15490m	0.400	ng/ul	-0.02
23) Perylene-d12	23.314	264	29988m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	8088	2.504	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.851	152	2425	0.179	ng/ul	-0.06
18) Fluoranthene-d10	18.944	212	8290m	0.189	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.289	128	615488	28.890	ng/ul#	92
7) 2-Methylnaphthalene	11.928	142	91649	6.350	ng/ul	96
8) 1-Methylnaphthalene	12.148	142	47402	3.037	ng/ul	100
10) Acenaphthylene	13.852	152	861958	31.854	ng/ul	97
11) Acenaphthene	14.199	153	117430	5.769	ng/ul	98
12) Fluorene	15.198	166	97704	4.118	ng/ul	98
15) Phenanthrene	16.941	178	462835m	12.234	ng/ul	
16) Anthracene	17.034	178	503467m	14.802	ng/ul	
19) Fluoranthene	18.986	202	6759277m	132.528	ng/ul	
20) Pyrene	19.358	202	10157713m	185.717	ng/ul	
21) Benzo(a)anthracene	21.122	228	7133813m	135.018	ng/ul	
22) Chrysene	21.177	228	7170141	116.282	ng/ul	98
24) Benzo(b)fluoranthene	22.676	252	9541884m	108.924	ng/ul	
25) Benzo(k)fluoranthene	22.712	252	3575835m	34.062	ng/ul	
26) Benzo(a)pyrene	23.217	252	2523967m	30.614	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.500	276	2304521	18.382	ng/ul	92
28) Dibenzo(a,h)anthracene	25.490	278	895315m	9.011	ng/ul	
29) Benzo(g,h,i)perylene	26.157	276	289499	2.906	ng/ul	92

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

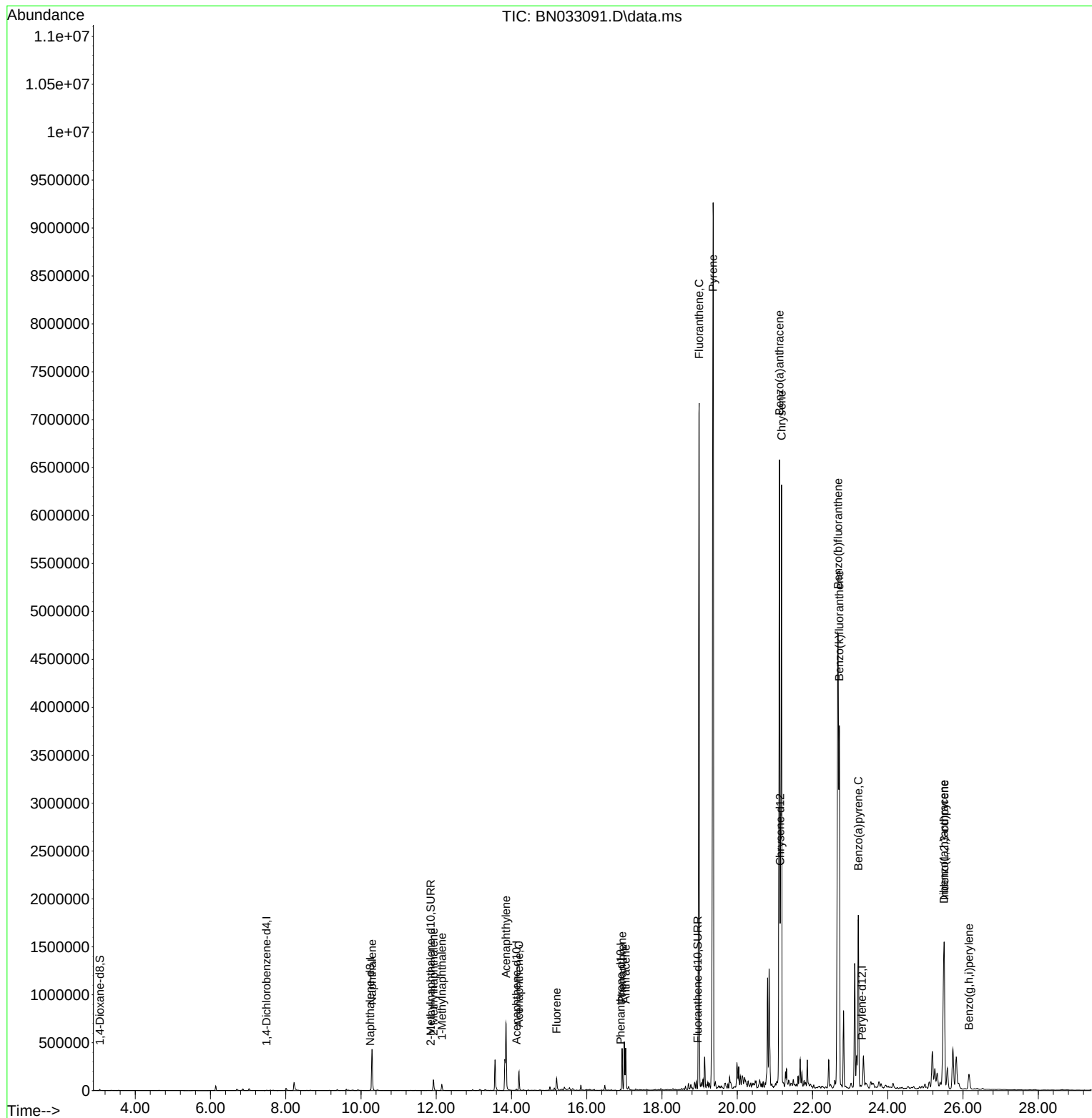
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033091.D
Acq On : 30 Jul 2024 05:54
Operator : MA/JU
Sample : P3329-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

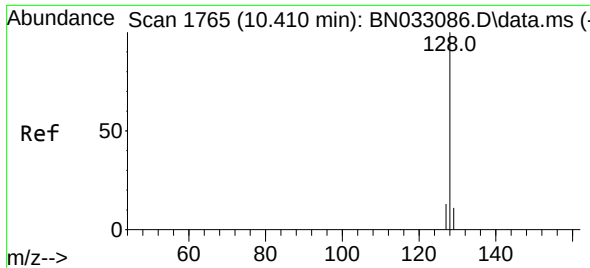
Instrument :
BNA_N
ClientSampleId :
F7E20

Quant Time: Jul 30 06:20:10 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

Manual Integrations
APPROVED

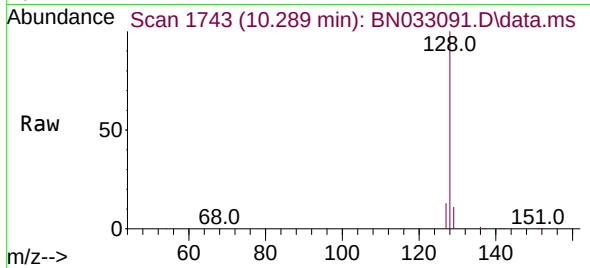
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024





#5
Naphthalene
Concen: 28.890 ng/ul
RT: 10.289 min Scan# 1765
Delta R.T. -0.060 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

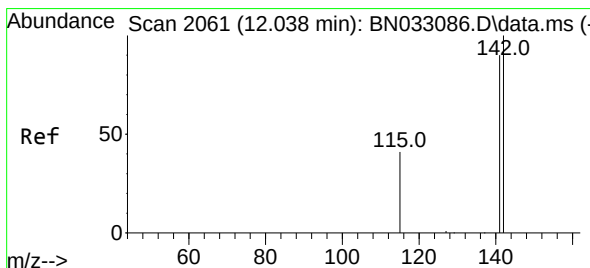
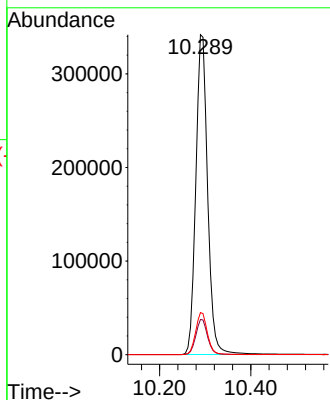
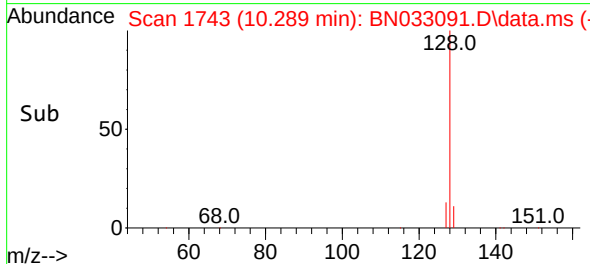
Instrument :
BNA_N
ClientSampleId :
F7E20



Tgt Ion:128 Resp: 61548
Ion Ratio Lower Upper
128 100
129 11.0 12.0 18.0
127 13.2 12.7 19.1

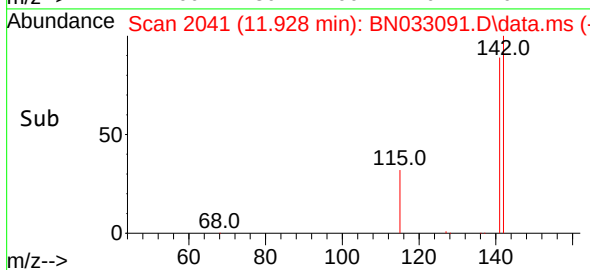
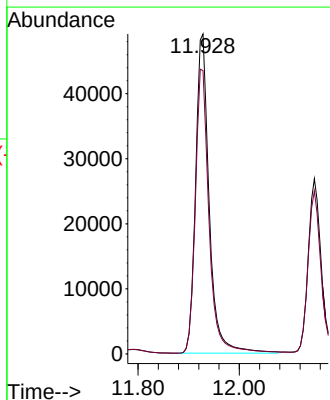
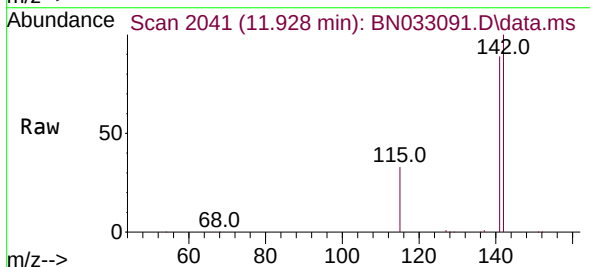
Manual Integrations
APPROVED

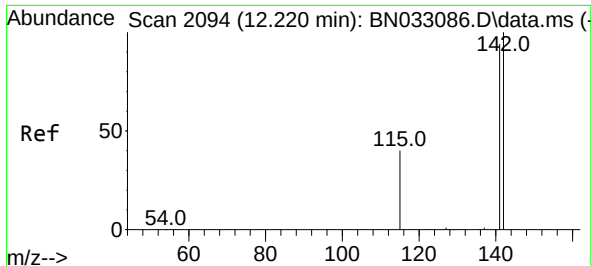
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#7
2-Methylnaphthalene
Concen: 6.350 ng/ul
RT: 11.928 min Scan# 2041
Delta R.T. -0.055 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

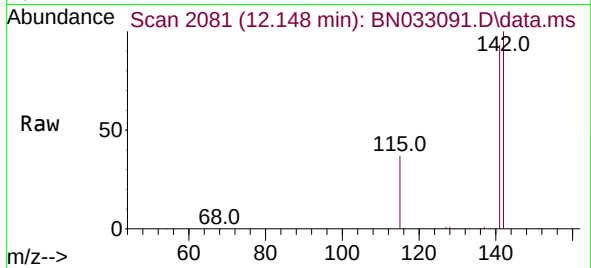
Tgt Ion:142 Resp: 91649
Ion Ratio Lower Upper
142 100
141 89.7 75.2 112.8





#8
1-Methylnaphthalene
Concen: 3.037 ng/ul
RT: 12.148 min Scan# 2094
Delta R.T. -0.049 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

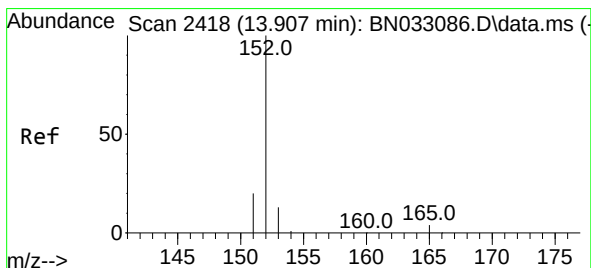
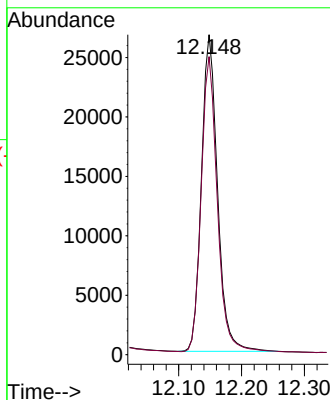
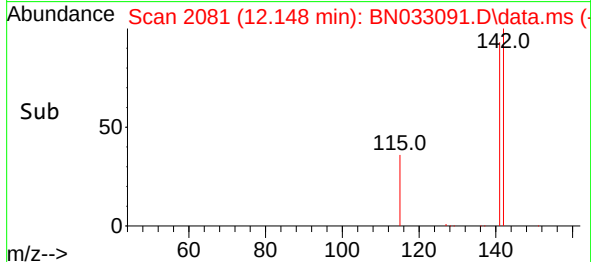
Instrument :
BNA_N
ClientSampleId :
F7E20



Tgt Ion:142 Resp: 4740
Ion Ratio Lower Upper
142 100
141 93.0 74.3 111.5

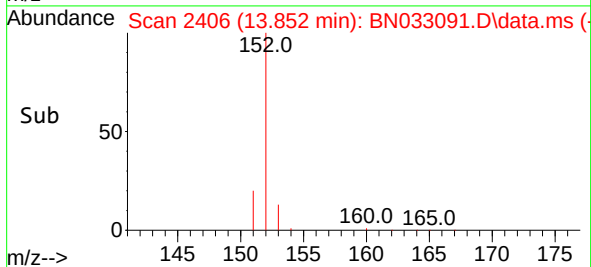
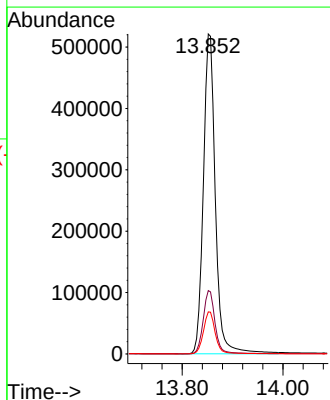
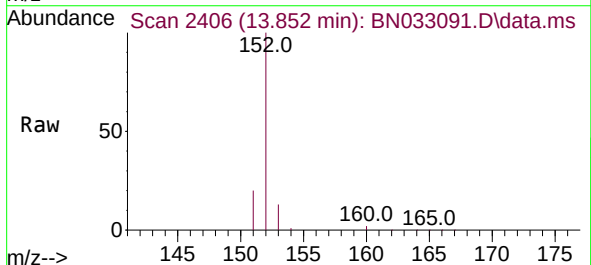
Manual Integrations
APPROVED

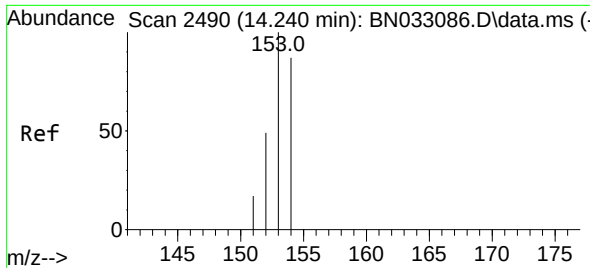
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 31.854 ng/ul
RT: 13.852 min Scan# 2406
Delta R.T. -0.046 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

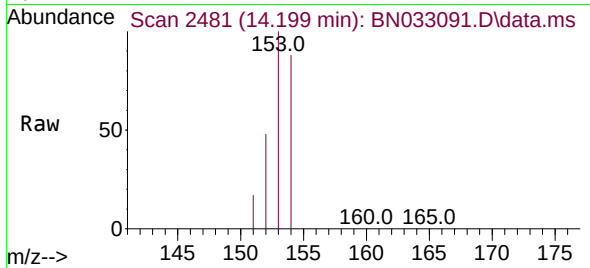
Tgt Ion:152 Resp: 861958
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2
153 13.1 11.9 17.9





#11
Acenaphthene
Concen: 5.769 ng/ul
RT: 14.199 min Scan# 2490
Delta R.T. -0.037 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

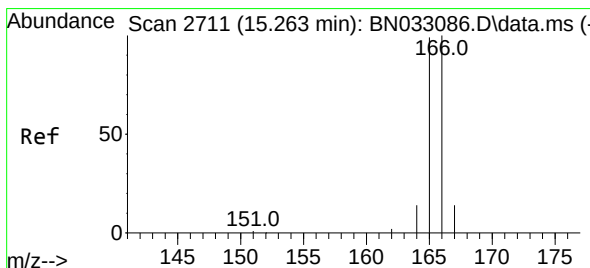
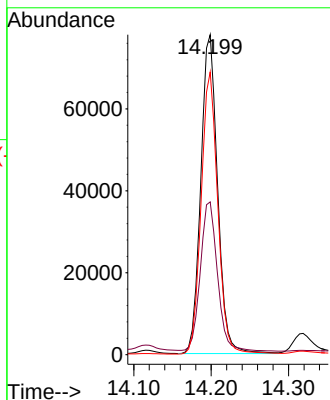
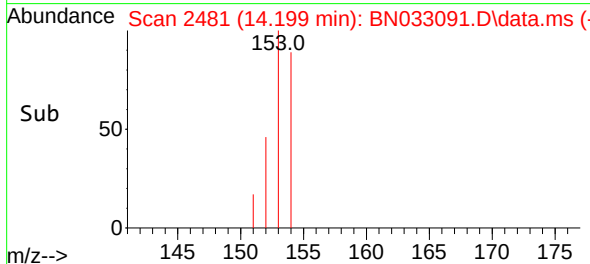
Instrument :
BNA_N
ClientSampleId :
F7E20



Tgt Ion:153 Resp: 117430
Ion Ratio Lower Upper
153 100
152 47.7 40.0 60.0
154 88.4 70.1 105.1

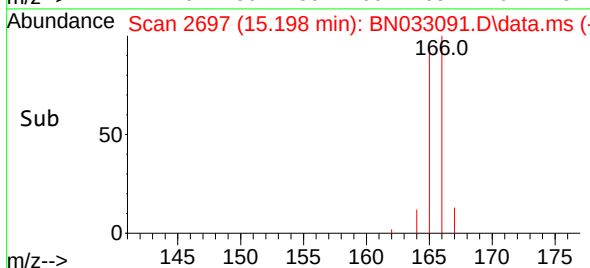
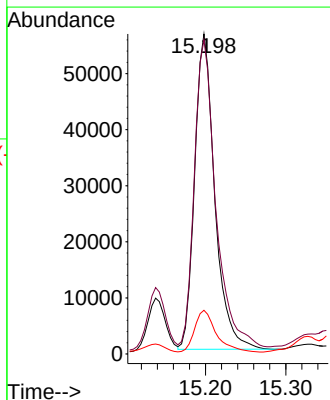
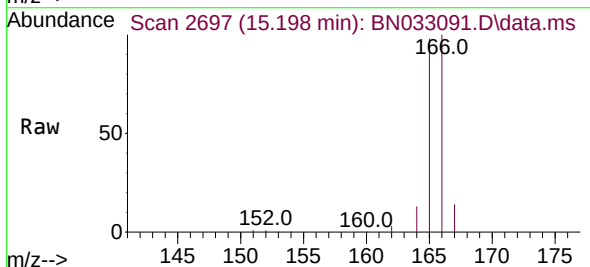
Manual Integrations
APPROVED

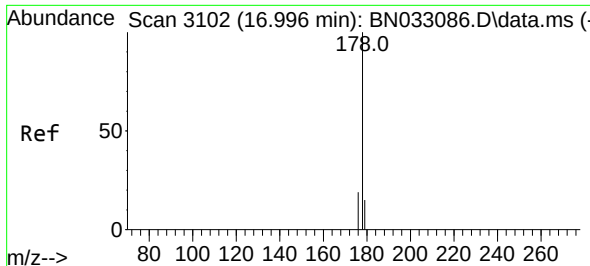
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#12
Fluorene
Concen: 4.118 ng/ul
RT: 15.198 min Scan# 2697
Delta R.T. -0.046 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

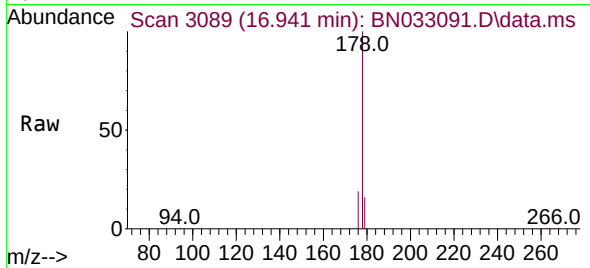
Tgt Ion:166 Resp: 97704
Ion Ratio Lower Upper
166 100
165 98.1 79.6 119.4
167 13.6 12.2 18.4





#15
Phenanthrene
Concen: 12.234 ng/ul m
RT: 16.941 min Scan# 3102
Delta R.T. -0.046 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

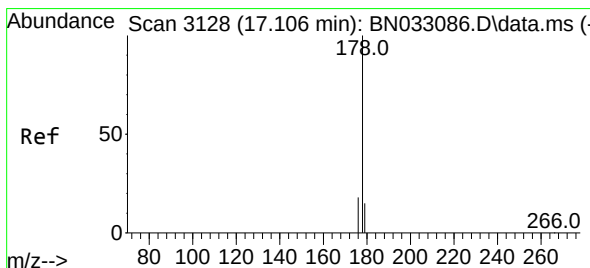
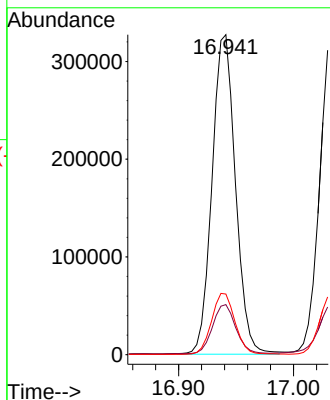
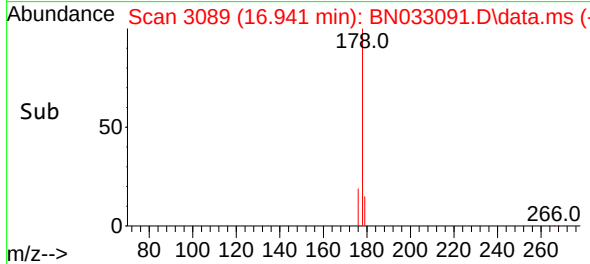
Instrument :
BNA_N
ClientSampleId :
F7E20



Tgt Ion:178 Resp: 462835
Ion Ratio Lower Upper
178 100
179 15.7 13.7 20.5
176 18.9 15.9 23.9

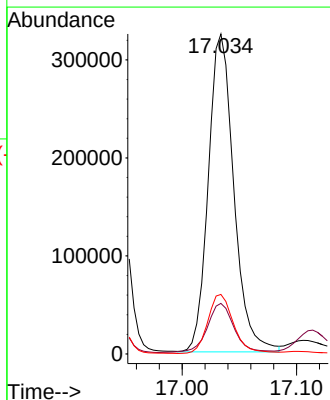
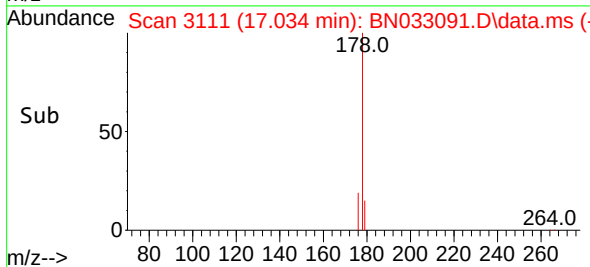
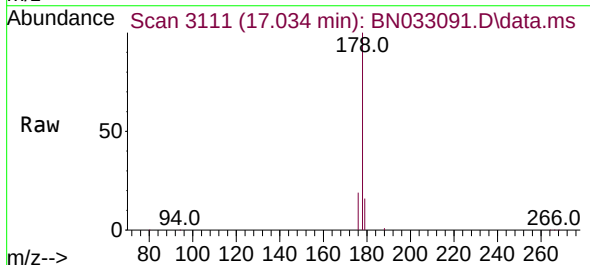
Manual Integrations
APPROVED

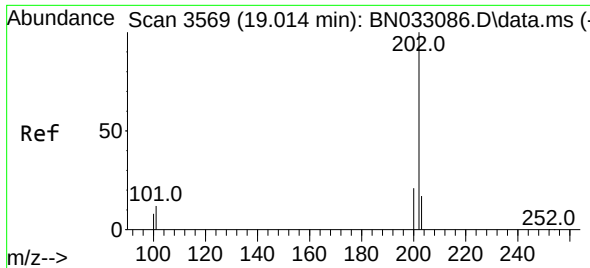
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 14.802 ng/ul m
RT: 17.034 min Scan# 3111
Delta R.T. -0.051 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

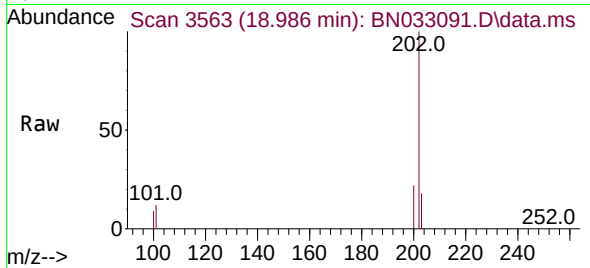
Tgt Ion:178 Resp: 503467
Ion Ratio Lower Upper
178 100
179 15.8 14.3 21.5
176 18.6 15.8 23.8





#19
Fluoranthene
Concen: 132.528 ng/ul m
RT: 18.986 min Scan# 3563
Delta R.T. -0.028 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

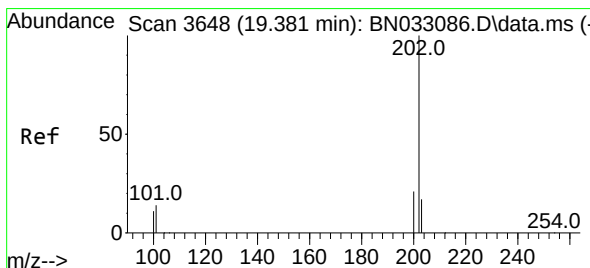
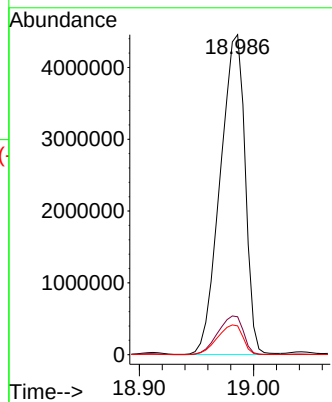
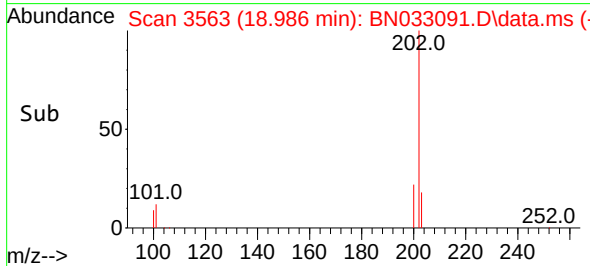
Instrument :
BNA_N
ClientSampleId :
F7E20



Tgt Ion:202 Resp: 675927
Ion Ratio Lower Upper
202 100
101 11.9 10.7 16.1
100 9.0 8.3 12.5

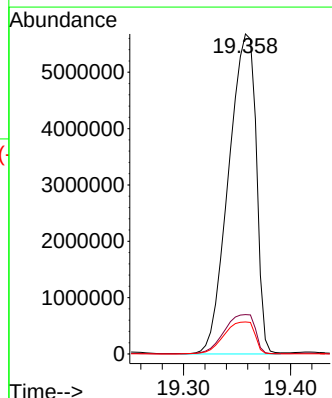
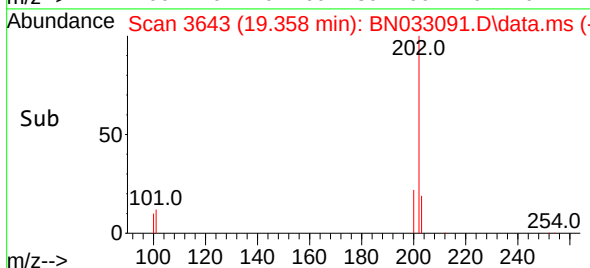
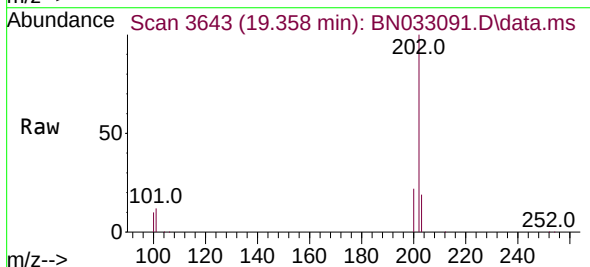
Manual Integrations
APPROVED

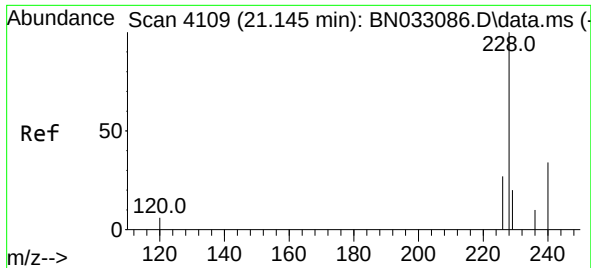
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 185.717 ng/ul m
RT: 19.358 min Scan# 3643
Delta R.T. -0.023 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

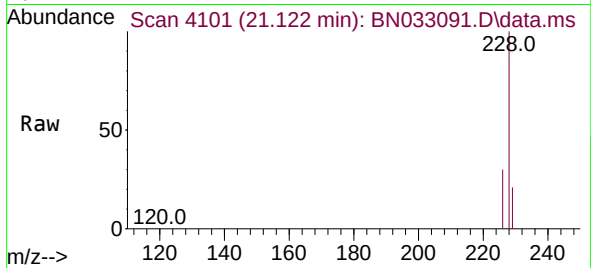
Tgt Ion:202 Resp:10157713
Ion Ratio Lower Upper
202 100
101 12.3 12.6 18.8#
100 10.0 9.9 14.9





#21
Benzo(a)anthracene
Concen: 135.018 ng/ul m
RT: 21.122 min Scan# 4109
Delta R.T. -0.023 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

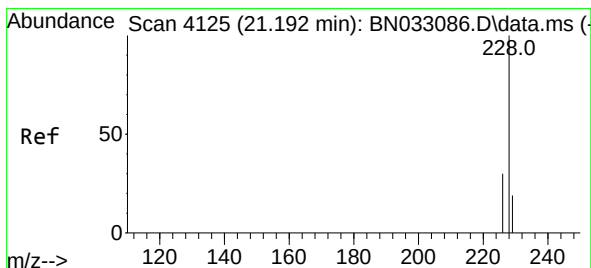
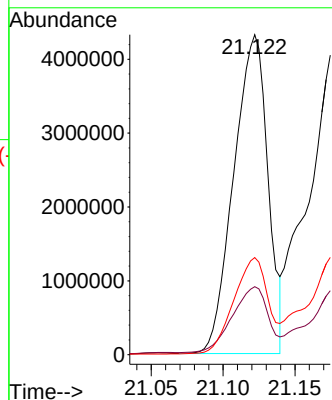
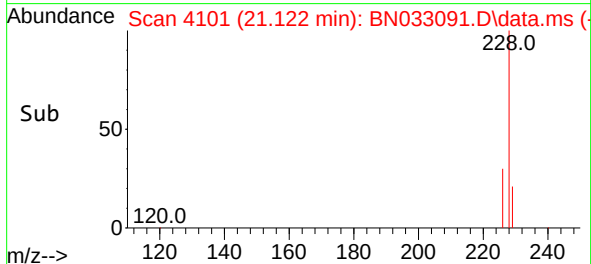
Instrument :
BNA_N
ClientSampleId :
F7E20



Tgt Ion:228 Resp: 713381
Ion Ratio Lower Upper
228 100
229 21.2 17.1 25.7
226 30.3 22.4 33.6

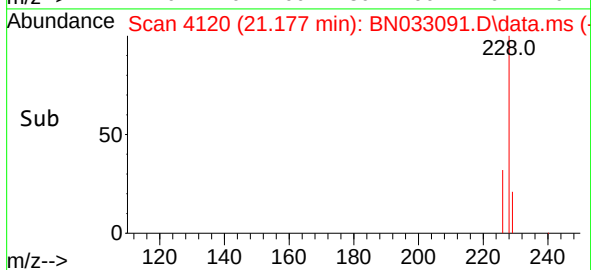
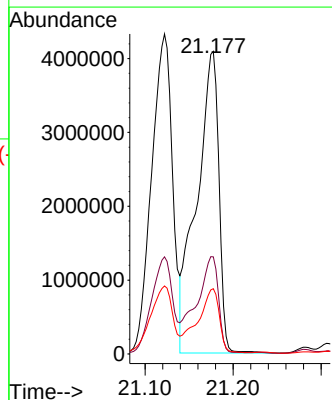
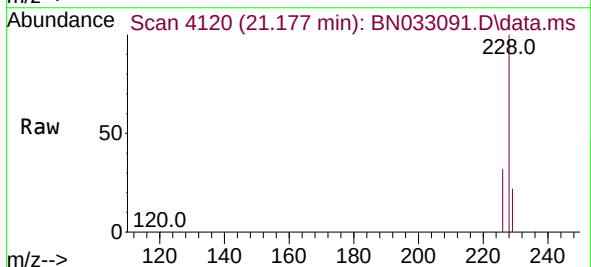
Manual Integrations
APPROVED

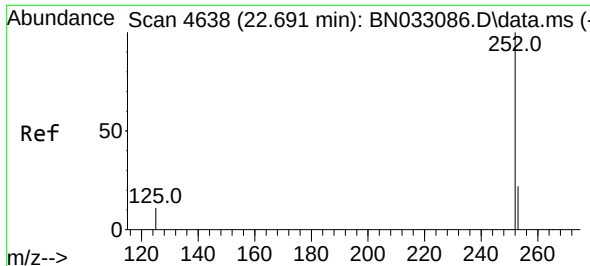
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#22
Chrysene
Concen: 116.282 ng/ul
RT: 21.177 min Scan# 4120
Delta R.T. -0.017 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

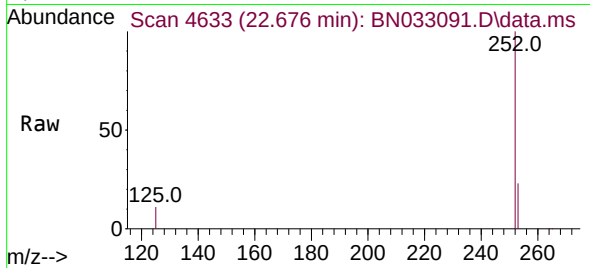
Tgt Ion:228 Resp: 7170141
Ion Ratio Lower Upper
228 100
226 32.1 24.7 37.1
229 21.6 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 108.924 ng/ul m
RT: 22.676 min Scan# 4633
Delta R.T. -0.017 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

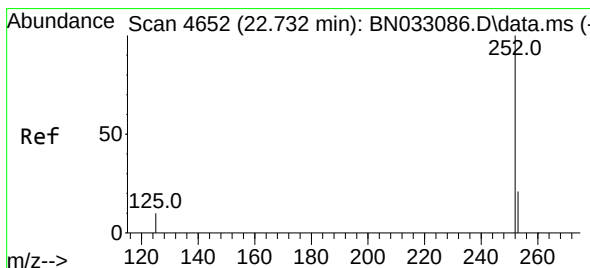
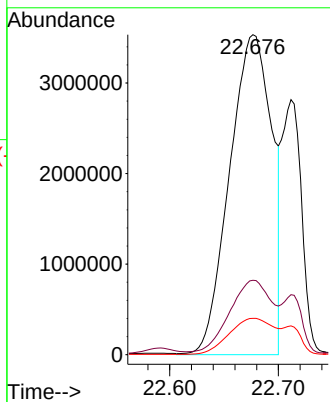
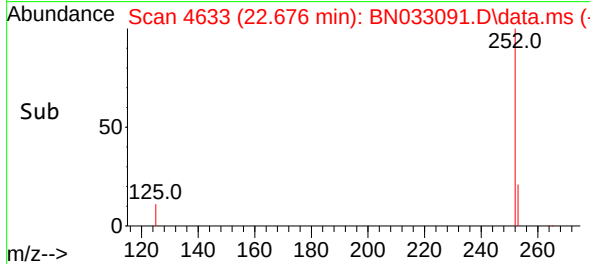
Instrument :
BNA_N
ClientSampleId :
F7E20



Tgt Ion:252 Resp: 9541884
Ion Ratio Lower Upper
252 100
253 23.2 0.0 60.6
125 11.4 0.0 51.0

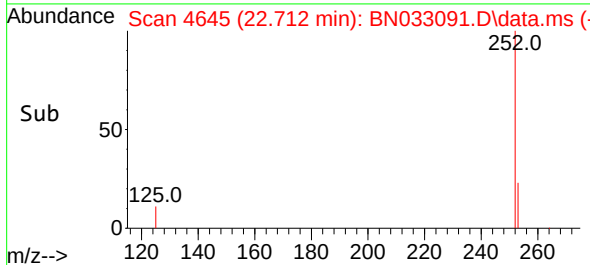
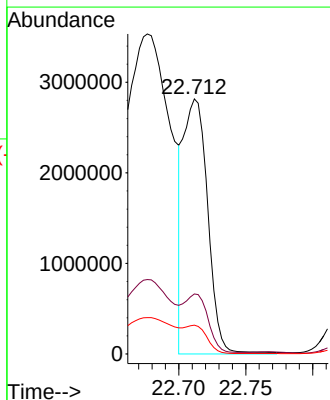
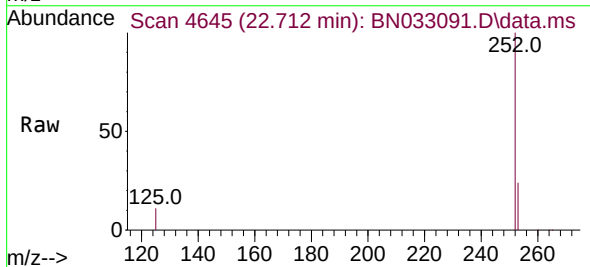
Manual Integrations
APPROVED

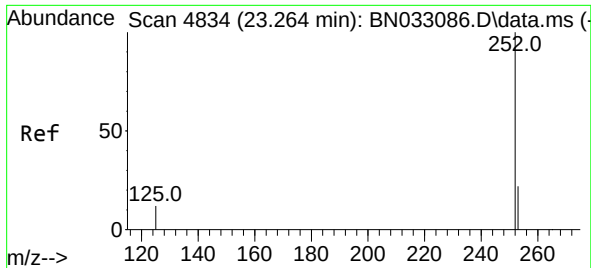
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 34.062 ng/ul m
RT: 22.712 min Scan# 4645
Delta R.T. -0.023 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

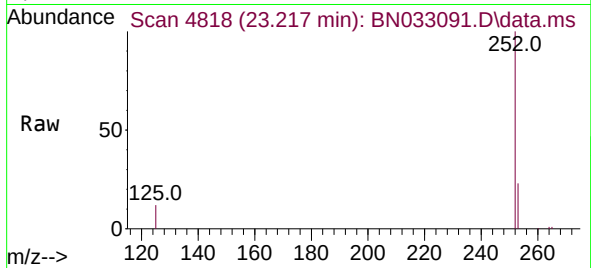
Tgt Ion:252 Resp: 3575835
Ion Ratio Lower Upper
252 100
253 23.5 24.9 37.3#
125 11.3 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 30.614 ng/ul m
RT: 23.217 min Scan# 4818
Delta R.T. -0.044 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54

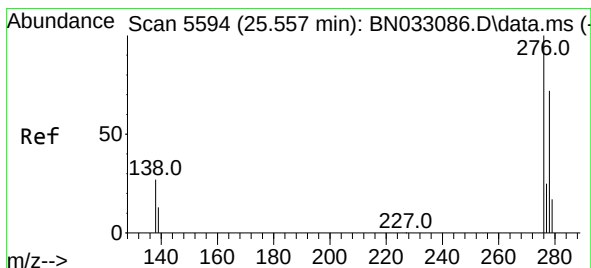
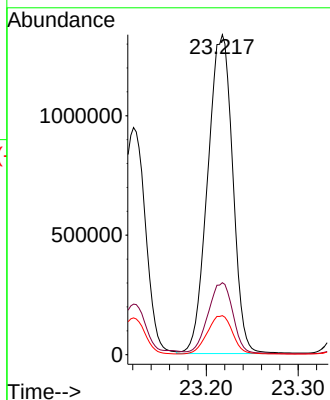
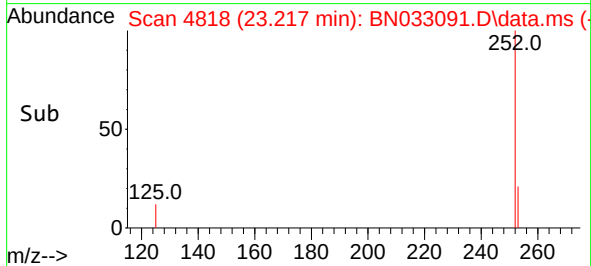
Instrument :
BNA_N
ClientSampleId :
F7E20



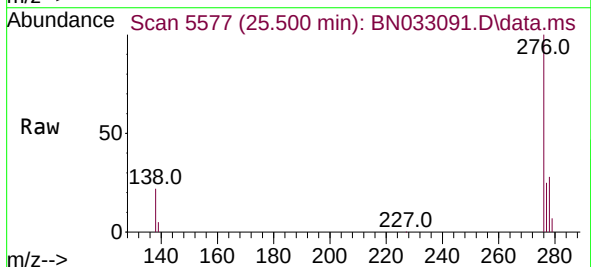
Tgt Ion:252 Resp: 252396
Ion Ratio Lower Upper
252 100
253 22.5 27.5 41.3
125 12.2 27.0 40.6

Manual Integrations
APPROVED

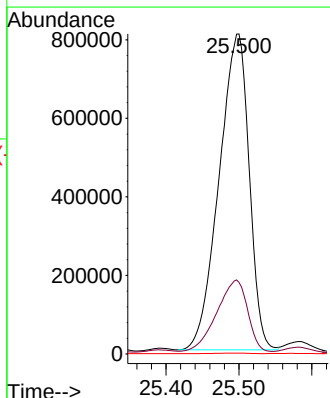
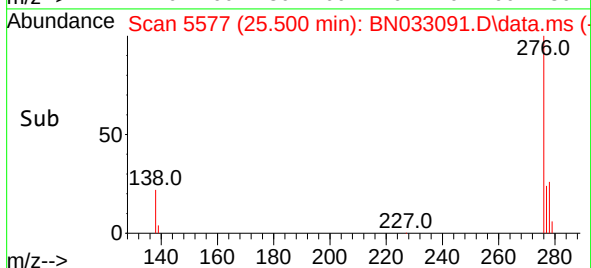
Reviewed By :Jagrut Upadhyay 07/30/2024
Supervised By :mohammad ahmed 07/31/2024

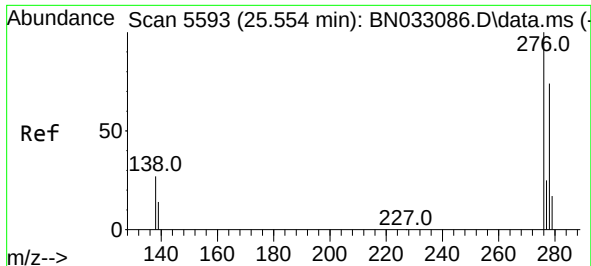


#27
Indeno(1,2,3-cd)pyrene
Concen: 18.382 ng/ul
RT: 25.500 min Scan# 5577
Delta R.T. -0.060 min
Lab File: BN033091.D
Acq: 30 Jul 2024 05:54



Tgt Ion:276 Resp: 2304521
Ion Ratio Lower Upper
276 100
138 22.9 21.8 32.8
227 0.2 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 9.011 ng/ul m

RT: 25.490 min Scan# 5

Delta R.T. -0.070 min

Lab File: BN033091.D

Acq: 30 Jul 2024 05:54

Instrument :

BNA_N

ClientSampleId :

F7E20

Tgt Ion:278 Resp: 89531

Ion Ratio Lower Upper

278 100

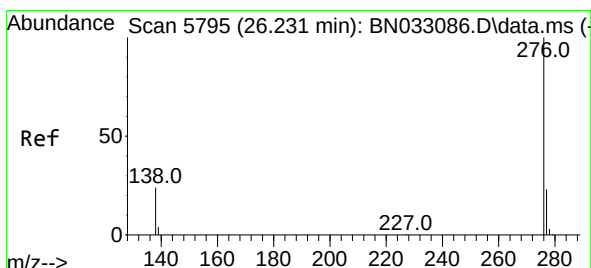
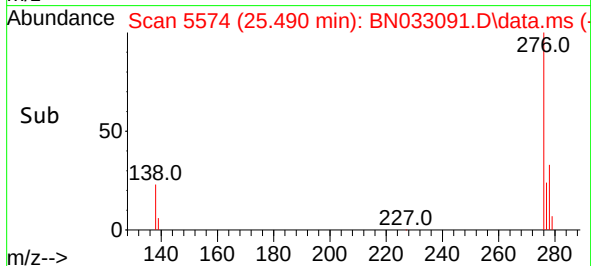
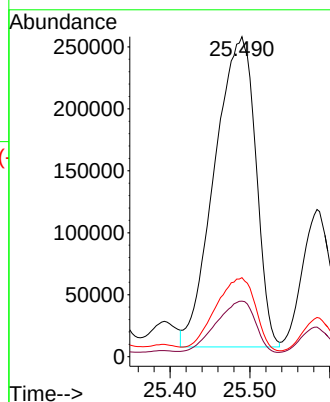
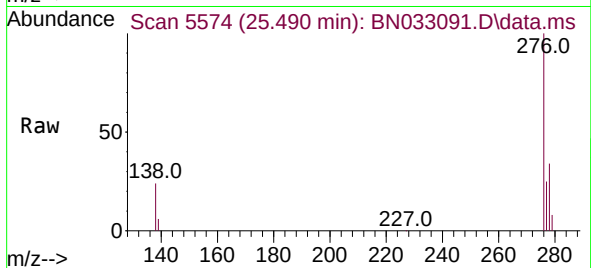
139 17.4 22.5 33.7

279 24.7 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: 2.906 ng/ul

RT: 26.157 min Scan# 5773

Delta R.T. -0.084 min

Lab File: BN033091.D

Acq: 30 Jul 2024 05:54

Tgt Ion:276 Resp: 289499

Ion Ratio Lower Upper

276 100

138 24.9 24.6 37.0

277 25.9 22.6 34.0

