

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026585.D
 Acq On : 19 Jul 2023 04:28
 Operator : MA/JU
 Sample : 03501-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 05:17:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 19 00:52:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	1931	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.732	136	5988	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.570	164	4531	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	66553	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.517	240	11743	0.400	ng/ul	0.00
23) Perylene-d12	23.952	264	14835	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	6173	2.427	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	3625	0.445	ng/ul	-0.02
18) Fluoranthene-d10	19.349	212	12112	0.298	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	17679	1.075	ng/ul	99
7) 2-Methylnaphthalene	12.398	142	7207	0.772	ng/ul	97
8) 1-Methylnaphthalene	12.618	142	6627	0.663	ng/ul	99
10) Acenaphthylene	14.288	152	18522	0.835	ng/ul	96
11) Acenaphthene	14.630	153	40092	2.372	ng/ul	99
12) Fluorene	15.620	166	53265	3.004	ng/ul	98
15) Phenanthrene	17.364	178	719926	3.397	ng/ul	97
16) Anthracene	17.452	178	94574	0.514	ng/ul	96
19) Fluoranthene	19.382	202	1229077	22.329	ng/ul#	95
20) Pyrene	19.744	202	732361	12.251	ng/ul	97
21) Benzo(a)anthracene	21.500	228	564498	13.081	ng/ul	98
22) Chrysene	21.555	228	589222	11.995	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	642831m	11.122	ng/ul	
25) Benzo(k)fluoranthene	23.253	252	279317m	4.611	ng/ul	
26) Benzo(a)pyrene	23.841	252	114218	2.220	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.484	276	163510	2.425	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.490	278	80002m	1.546	ng/ul	
29) Benzo(g,h,i)perylene	27.269	276	8583	0.144	ng/ul#	77

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

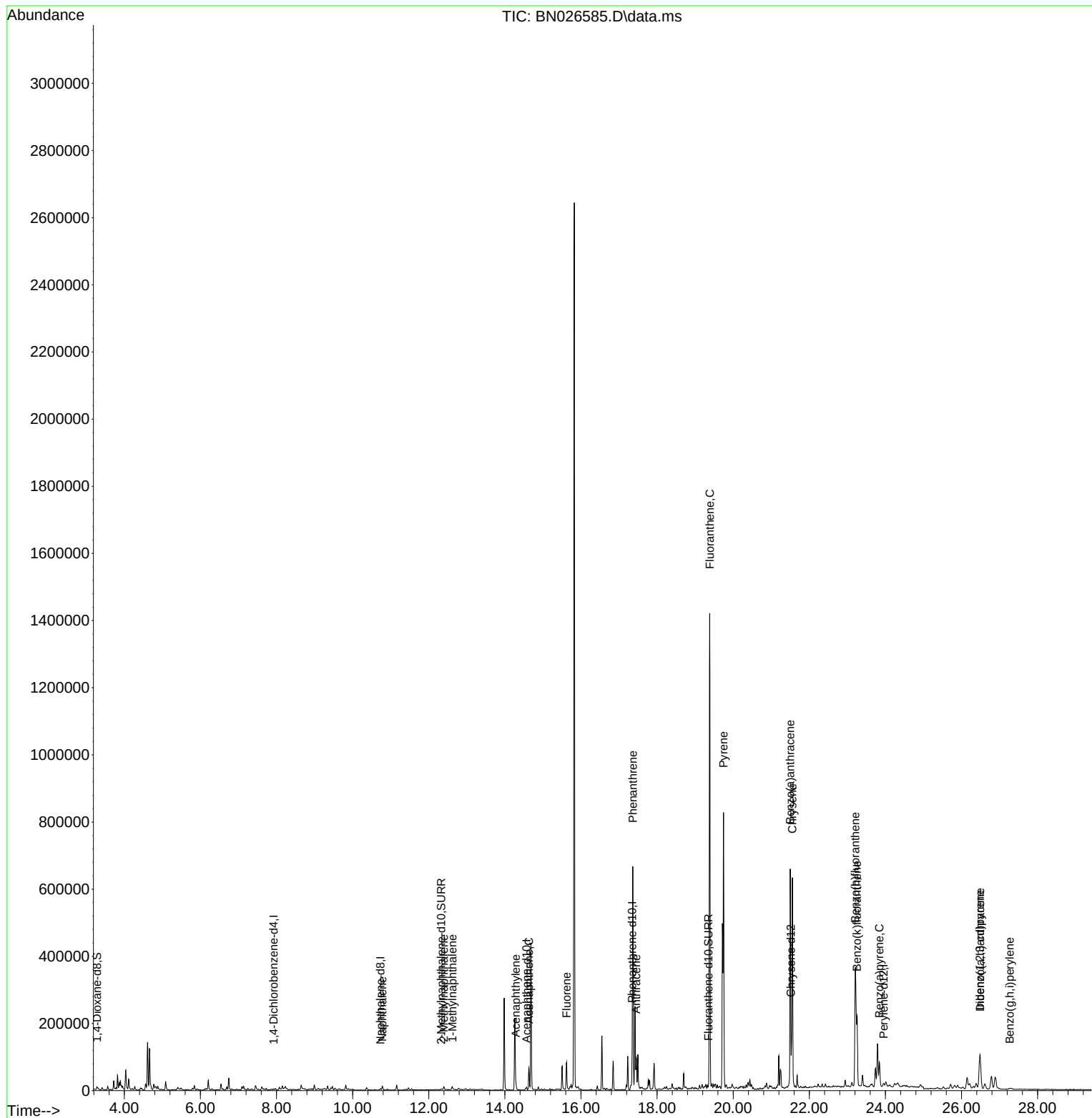
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026585.D
Acq On : 19 Jul 2023 04:28
Operator : MA/JU
Sample : 03501-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

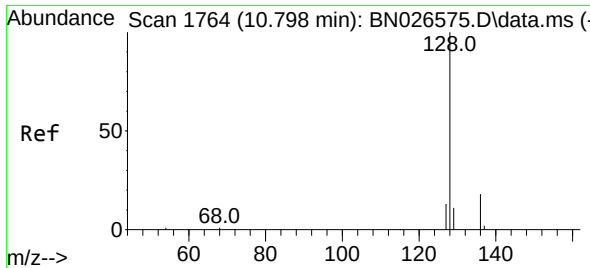
Instrument :
BNA_N
ClientSampleId :
A46W1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

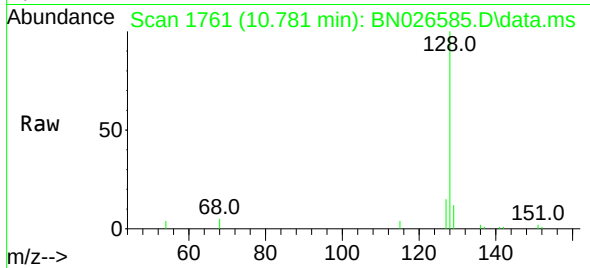
Quant Time: Jul 19 05:17:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.075 ng/ul
RT: 10.781 min Scan# 1764
Delta R.T. -0.016 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

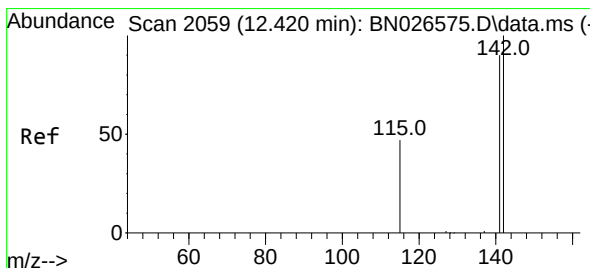
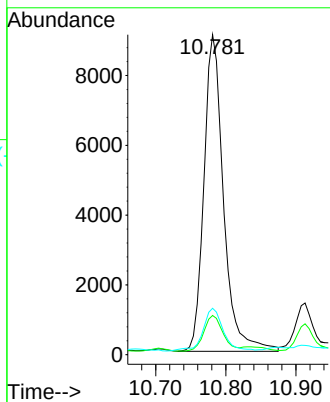
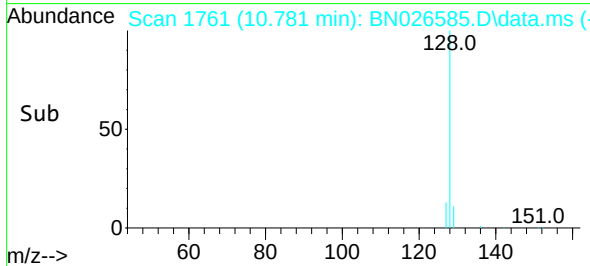
Instrument :
BNA_N
ClientSampleId :
A46W1



Tgt Ion:128 Resp: 17679
Ion Ratio Lower Upper
128 100
129 12.3 10.2 15.2
127 14.5 11.4 17.0

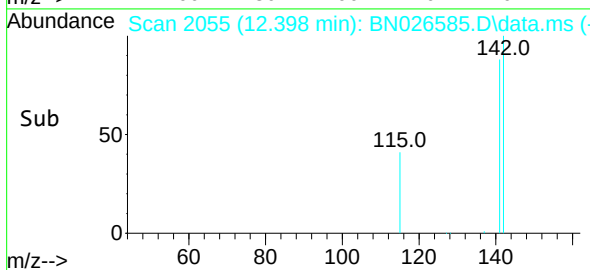
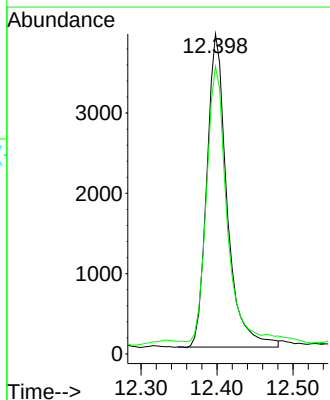
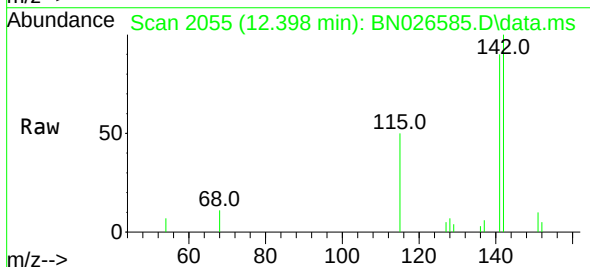
Manual Integrations
APPROVED

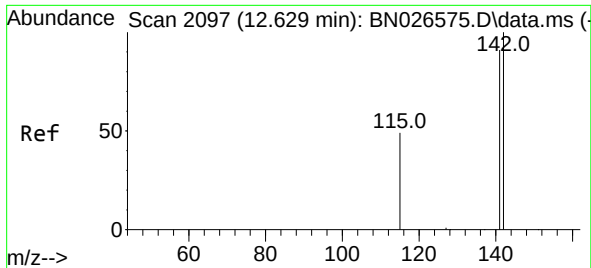
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#7
2-Methylnaphthalene
Concen: 0.772 ng/ul
RT: 12.398 min Scan# 2055
Delta R.T. -0.022 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

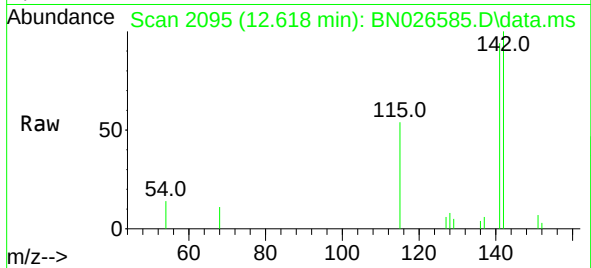
Tgt Ion:142 Resp: 7207
Ion Ratio Lower Upper
142 100
141 87.9 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.663 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.011 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

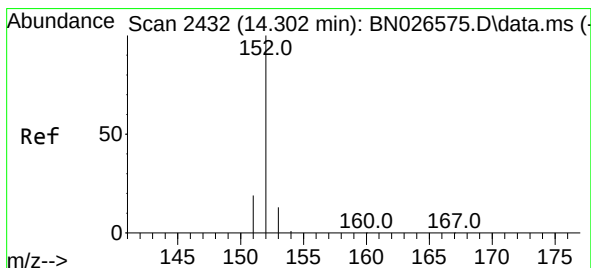
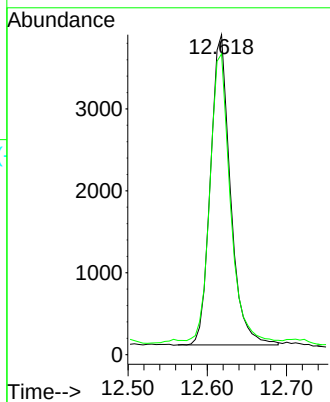
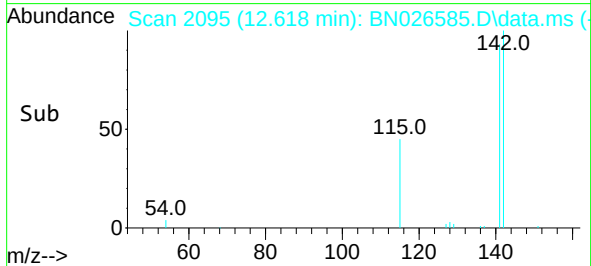
Instrument :
BNA_N
ClientSampleId :
A46W1



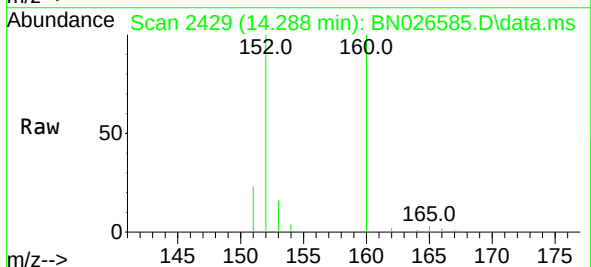
Tgt Ion:142 Resp: 662
Ion Ratio Lower Upper
142 100
141 92.3 74.5 111.7

Manual Integrations
APPROVED

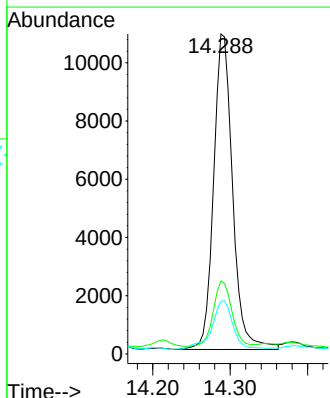
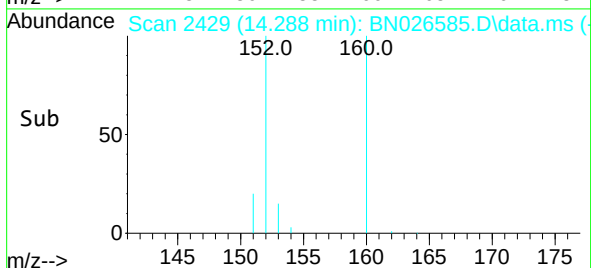
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

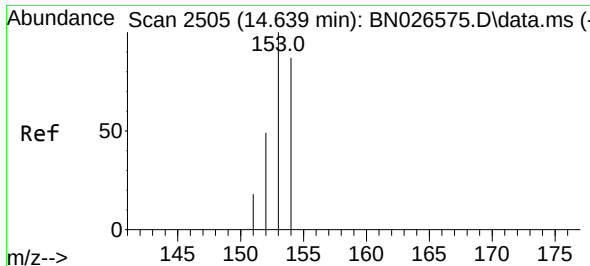


#10
Acenaphthylene
Concen: 0.835 ng/ul
RT: 14.288 min Scan# 2429
Delta R.T. -0.014 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28



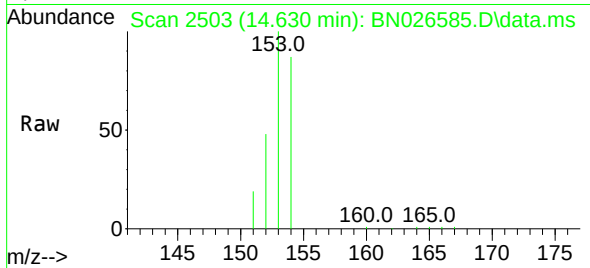
Tgt Ion:152 Resp: 18522
Ion Ratio Lower Upper
152 100
151 22.8 17.0 25.6
153 16.4 11.4 17.2





#11
Acenaphthene
Concen: 2.372 ng/ul
RT: 14.630 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

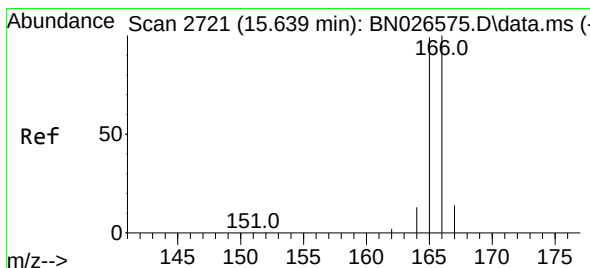
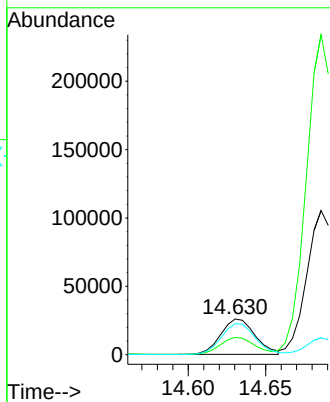
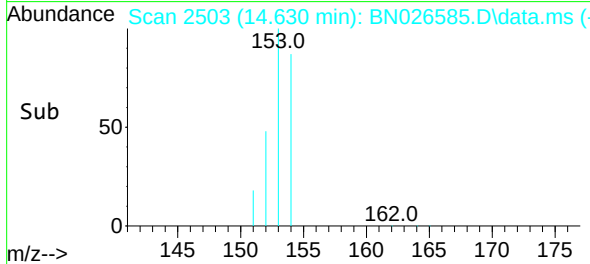
Instrument :
BNA_N
ClientSampleId :
A46W1



Tgt Ion:153 Resp: 40092
Ion Ratio Lower Upper
153 100
152 48.4 40.2 60.4
154 86.8 69.3 103.9

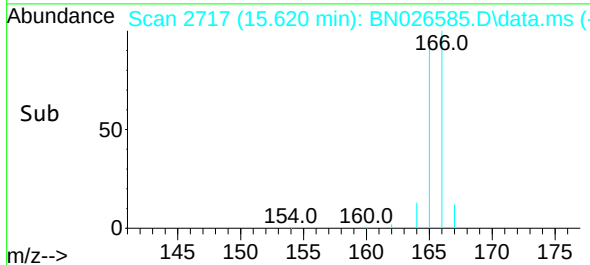
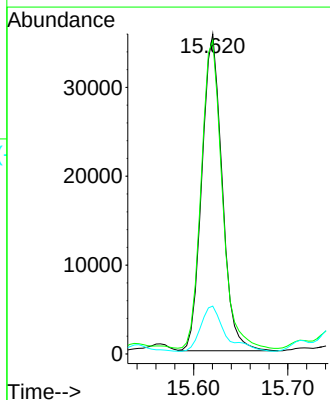
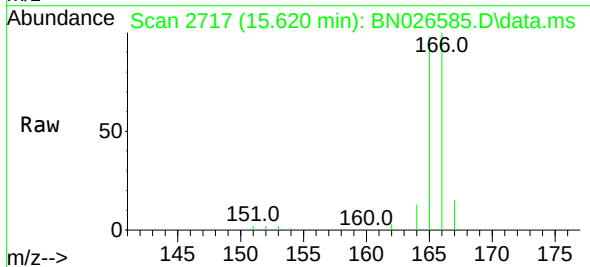
Manual Integrations
APPROVED

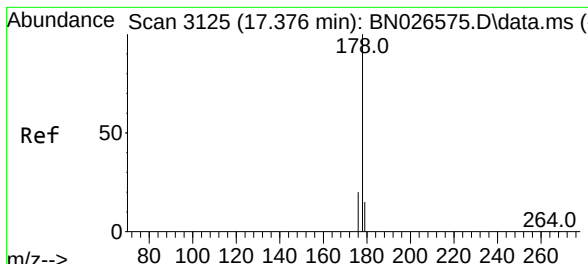
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
Fluorene
Concen: 3.004 ng/ul
RT: 15.620 min Scan# 2717
Delta R.T. -0.018 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

Tgt Ion:166 Resp: 53265
Ion Ratio Lower Upper
166 100
165 97.9 80.6 120.8
167 15.0 12.0 18.0





#15
 Phenanthrene
 Concen: 3.397 ng/u1
 RT: 17.364 min Scan# 3122
 Delta R.T. -0.013 min
 Lab File: BN026585.D
 Acq: 19 Jul 2023 04:28

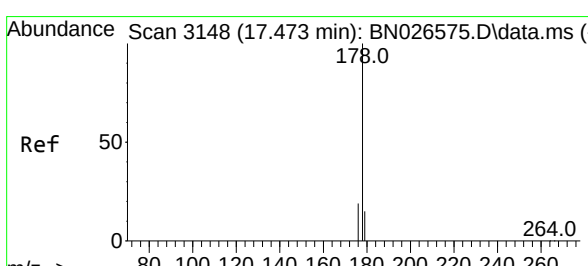
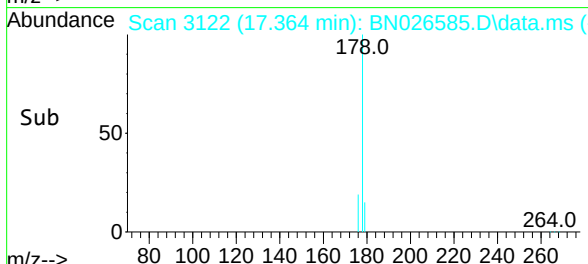
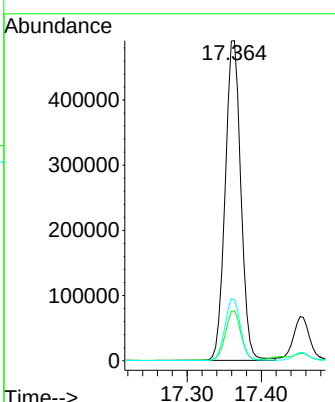
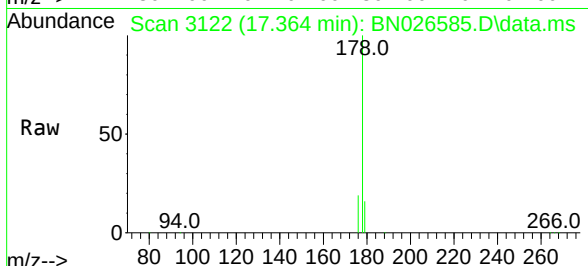
Instrument :
 BNA_N
 ClientSampleId :
 A46W1

Tgt Ion:178 Resp: 719920

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.7	20.5
176	19.0	16.5	24.7

Manual Integrations
 APPROVED

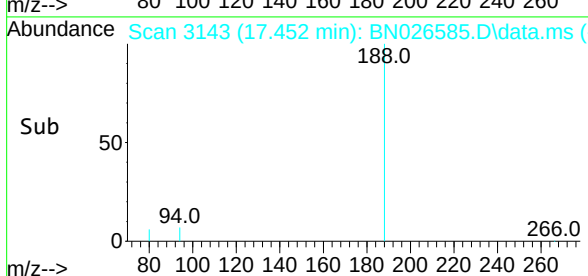
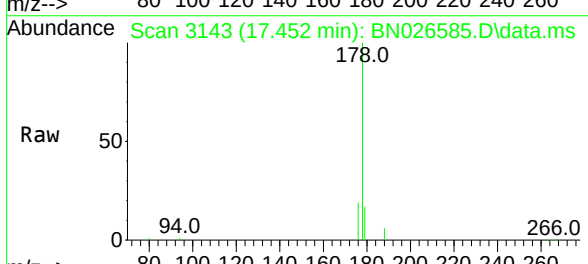
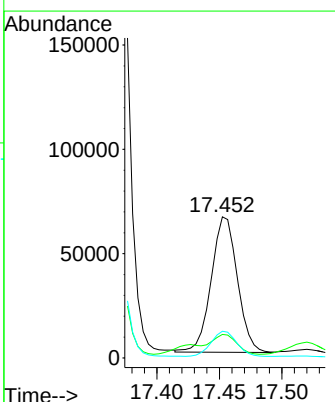
Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

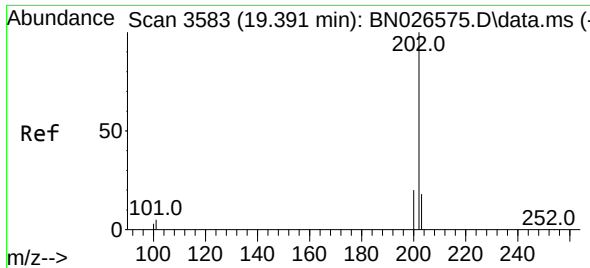


#16
 Anthracene
 Concen: 0.514 ng/u1
 RT: 17.452 min Scan# 3143
 Delta R.T. -0.021 min
 Lab File: BN026585.D
 Acq: 19 Jul 2023 04:28

Tgt Ion:178 Resp: 94574

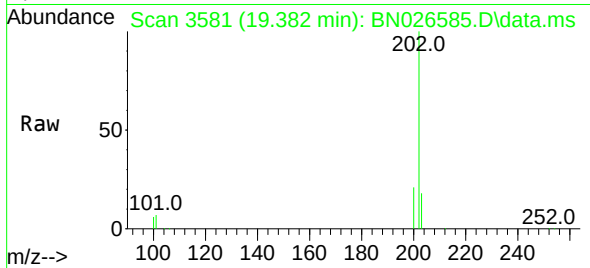
Ion	Ratio	Lower	Upper
178	100		
179	16.7	14.8	22.2
176	19.0	16.6	25.0





#19
Fluoranthene
Concen: 22.329 ng/u1
RT: 19.382 min Scan# 3581
Delta R.T. -0.009 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

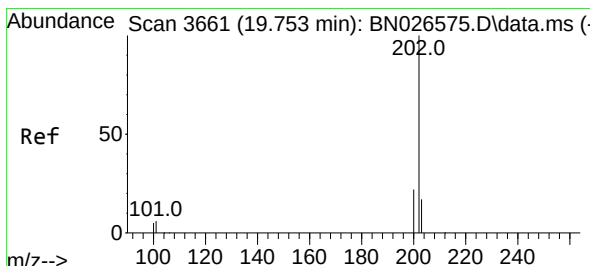
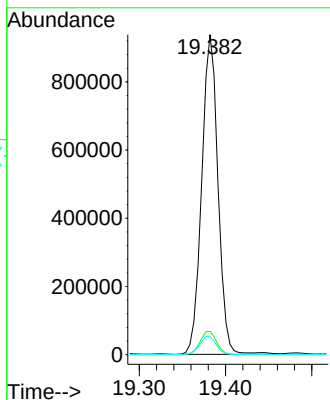
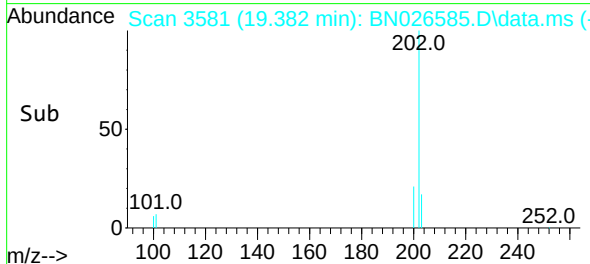
Instrument :
BNA_N
ClientSampleId :
A46W1



Tgt Ion:202 Resp: 122907
Ion Ratio Lower Upper
202 100
101 7.3 7.0 10.4
100 5.7 6.0 9.0

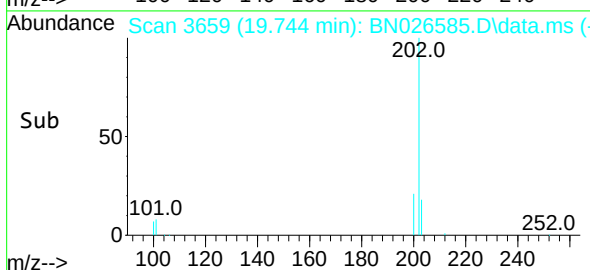
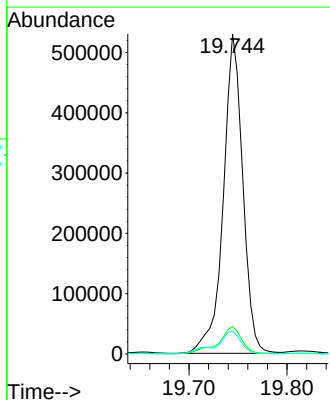
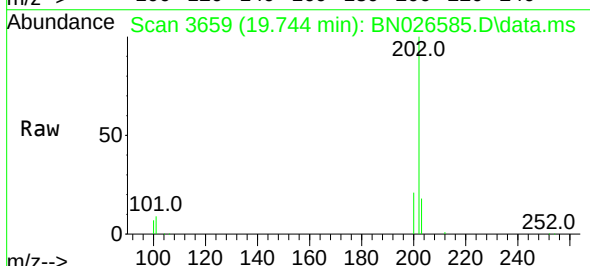
Manual Integrations
APPROVED

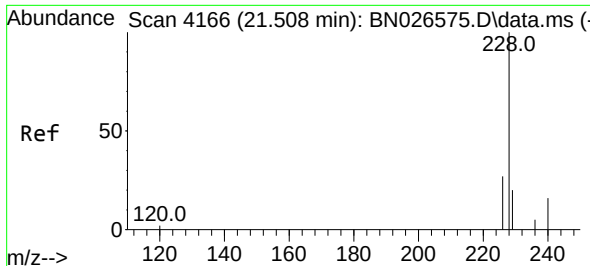
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 12.251 ng/u1
RT: 19.744 min Scan# 3659
Delta R.T. -0.009 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

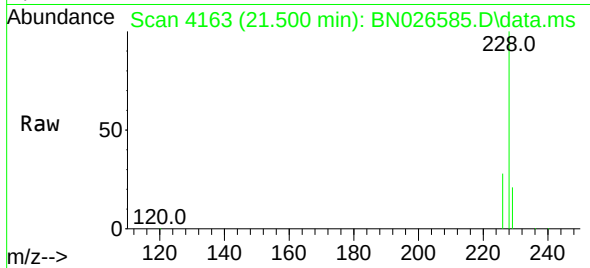
Tgt Ion:202 Resp: 732361
Ion Ratio Lower Upper
202 100
101 8.6 8.0 12.0
100 7.1 6.2 9.2





#21
Benzo(a)anthracene
Concen: 13.081 ng/u1
RT: 21.500 min Scan# 4166
Delta R.T. -0.008 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

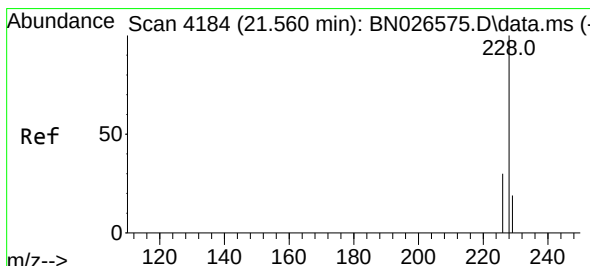
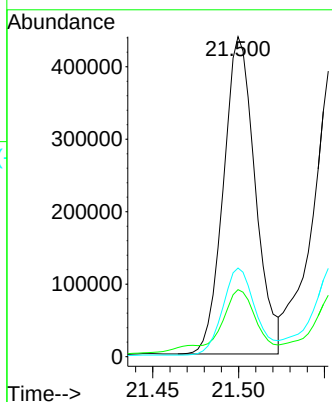
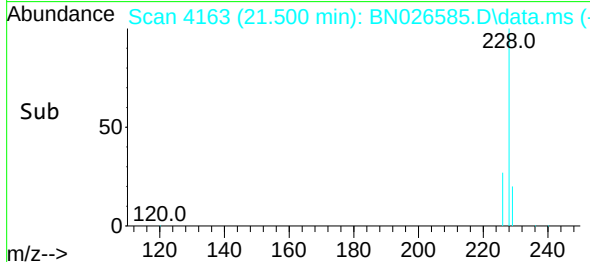
Instrument :
BNA_N
ClientSampleId :
A46W1



Tgt Ion:228 Resp: 564498
Ion Ratio Lower Upper
228 100
229 20.9 16.7 25.1
226 27.7 23.5 35.3

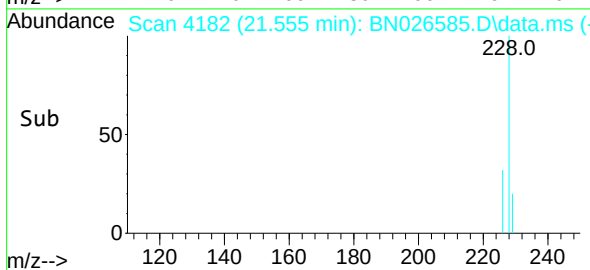
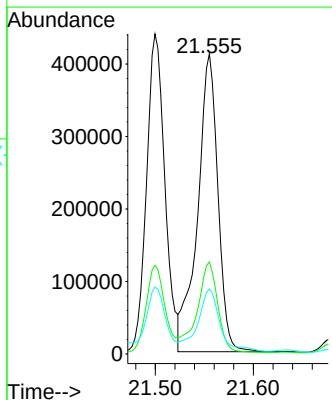
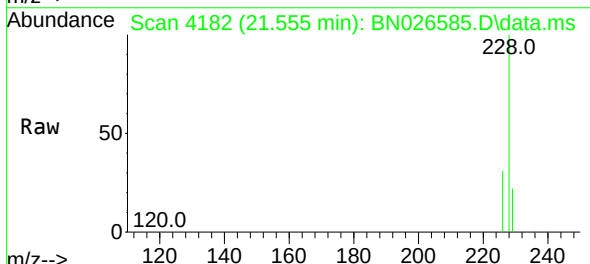
Manual Integrations
APPROVED

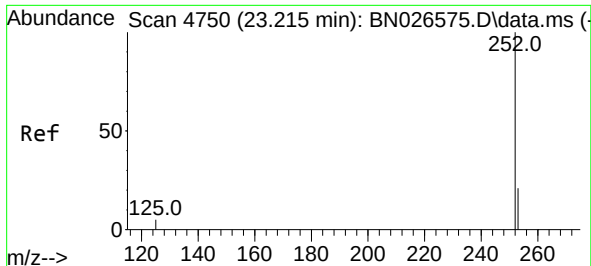
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 11.995 ng/u1
RT: 21.555 min Scan# 4182
Delta R.T. -0.005 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

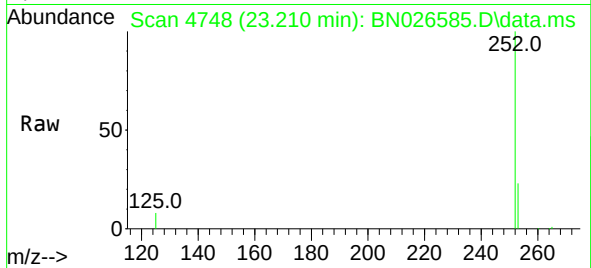
Tgt Ion:228 Resp: 589222
Ion Ratio Lower Upper
228 100
226 30.6 25.2 37.8
229 21.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 11.122 ng/ul m
RT: 23.210 min Scan# 4750
Delta R.T. -0.005 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

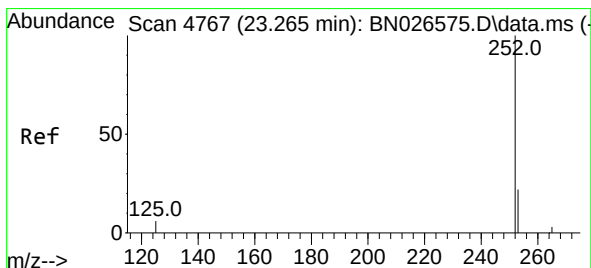
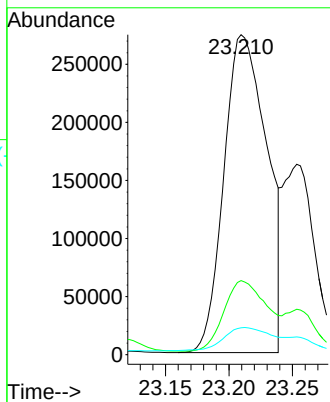
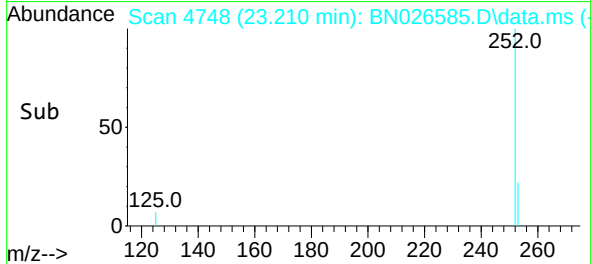
Instrument :
BNA_N
ClientSampleId :
A46W1



Tgt Ion:252 Resp: 64283
Ion Ratio Lower Upper
252 100
253 23.2 0.0 68.6
125 8.4 0.0 34.0

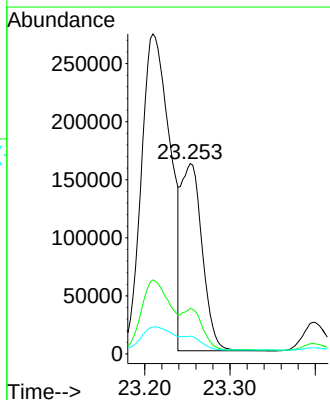
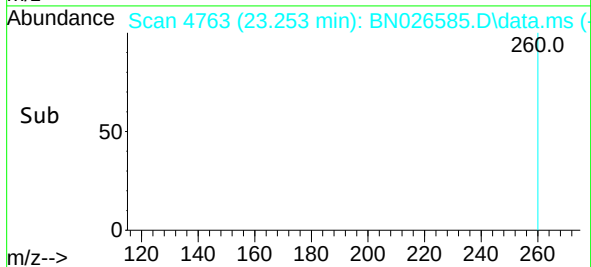
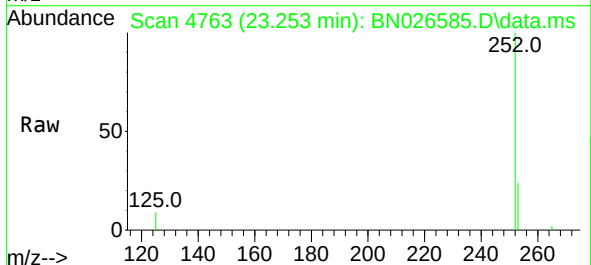
Manual Integrations
APPROVED

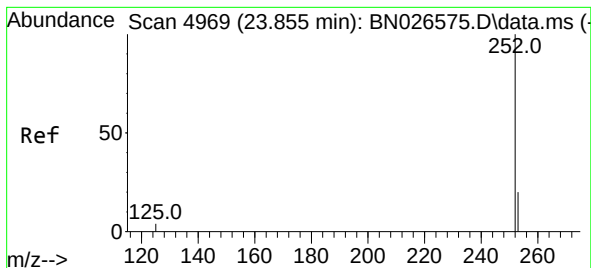
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#25
Benzo(k)fluoranthene
Concen: 4.611 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. -0.011 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

Tgt Ion:252 Resp: 279317
Ion Ratio Lower Upper
252 100
253 23.8 27.2 40.8#
125 9.3 13.4 20.2#





#26

Benzo(a)pyrene

Concen: 2.220 ng/ul

RT: 23.841 min Scan# 4969

Delta R.T. -0.014 min

Lab File: BN026585.D

Acq: 19 Jul 2023 04:28

Instrument :

BN026585.D

ClientSampleId :

A46W1

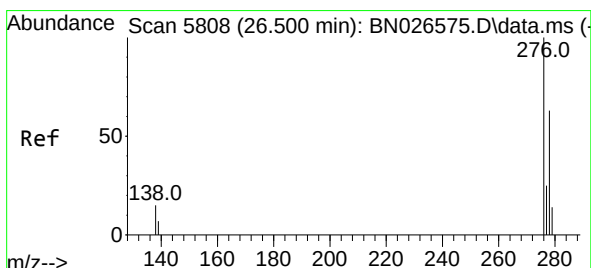
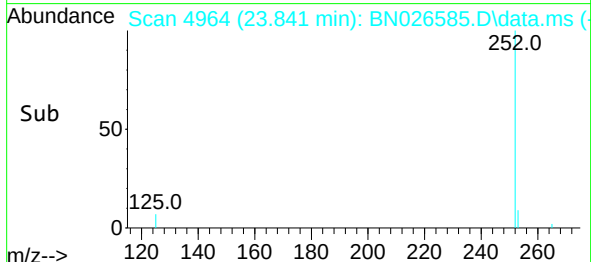
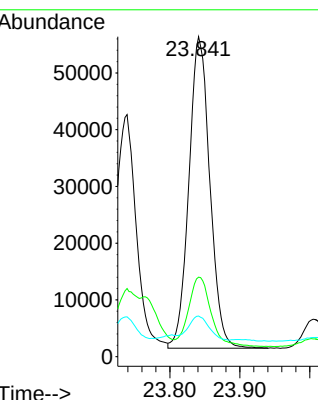
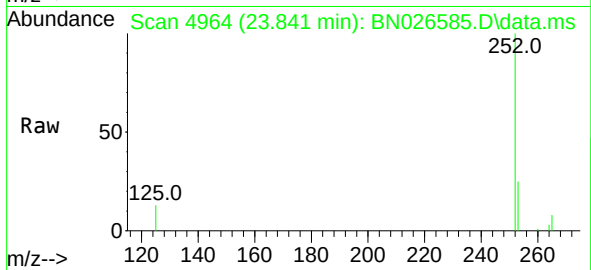
Tgt Ion:	252	Resp:	114218
Ion Ratio	Lower	Upper	
252	100		
253	24.9	32.6	49.0#
125	12.7	19.3	28.9#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/19/2023

Supervised By :mohammad ahmed 07/19/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.425 ng/ul

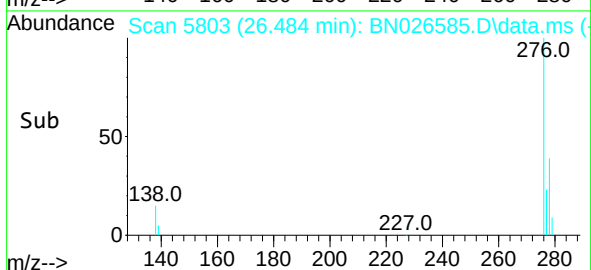
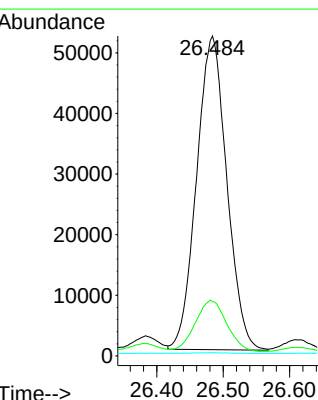
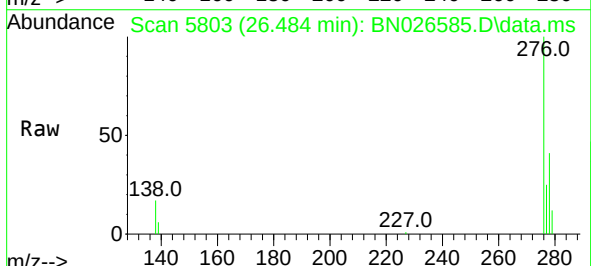
RT: 26.484 min Scan# 5803

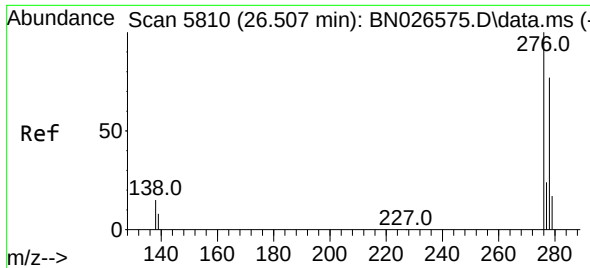
Delta R.T. -0.016 min

Lab File: BN026585.D

Acq: 19 Jul 2023 04:28

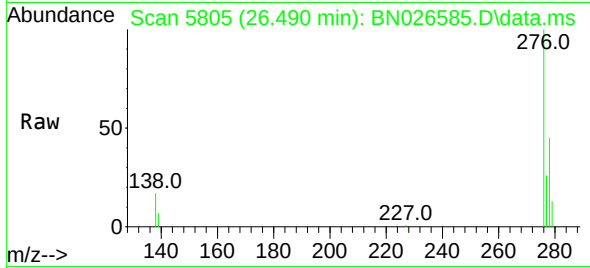
Tgt Ion:	276	Resp:	163510
Ion Ratio	Lower	Upper	
276	100		
138	16.9	22.2	33.4#
227	0.3	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.546 ng/ul m
RT: 26.490 min Scan# 5805
Delta R.T. -0.016 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

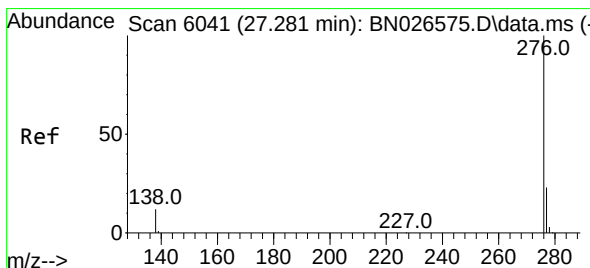
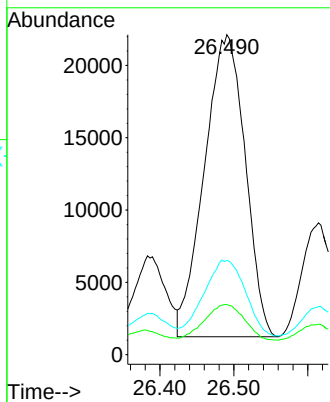
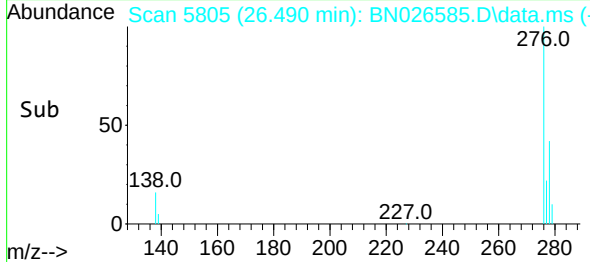
Instrument :
BNA_N
ClientSampleId :
A46W1



Tgt Ion:278 Resp: 8000
Ion Ratio Lower Upper
278 100
139 15.6 18.9 28.3
279 29.5 31.3 46.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 27.269 min Scan# 6037
Delta R.T. -0.013 min
Lab File: BN026585.D
Acq: 19 Jul 2023 04:28

Tgt Ion:276 Resp: 8583
Ion Ratio Lower Upper
276 100
138 35.5 22.6 34.0#
277 44.1 21.8 32.8#

