

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024446.D
 Acq On : 21 Mar 2023 13:16
 Operator : CG/JU
 Sample : 01884-05
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB911

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/22/2023
 Supervised By : Jagrut Upadhyay 03/22/2023

Quant Time: Mar 21 17:39:22 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 21 02:42:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	9483	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	29373	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.666	164	17970	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	36318	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.600	240	31072	0.400	ng/ul	# 0.00
23) Perylene-d12	24.105	264	28873	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	39457	3.781	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.428	152	9040	0.259	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	19898	0.241	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.894	128	44023	0.600	ng/ul#	94
7) 2-Methylnaphthalene	12.500	142	12678	0.285	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	16997	0.364	ng/ul	98
10) Acenaphthylene	14.393	152	4268	0.057	ng/ul#	38
11) Acenaphthene	14.730	153	103285	1.788	ng/ul	97
12) Fluorene	15.711	166	72262	1.120	ng/ul	98
15) Phenanthrene	17.455	178	41435	0.398	ng/ul	95
16) Anthracene	17.544	178	15715	0.172	ng/ul#	80
19) Fluoranthene	19.464	202	23722	0.192	ng/ul#	74
20) Pyrene	19.831	202	18227m	0.145	ng/ul	
21) Benzo(a)anthracene	21.583	228	3926	0.039	ng/ul#	67
22) Chrysene	21.641	228	3881	0.036	ng/ul#	64
24) Benzo(b)fluoranthene	23.337	252	3822m	0.035	ng/ul	
26) Benzo(a)pyrene	23.986	252	2539	0.027	ng/ul#	1

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

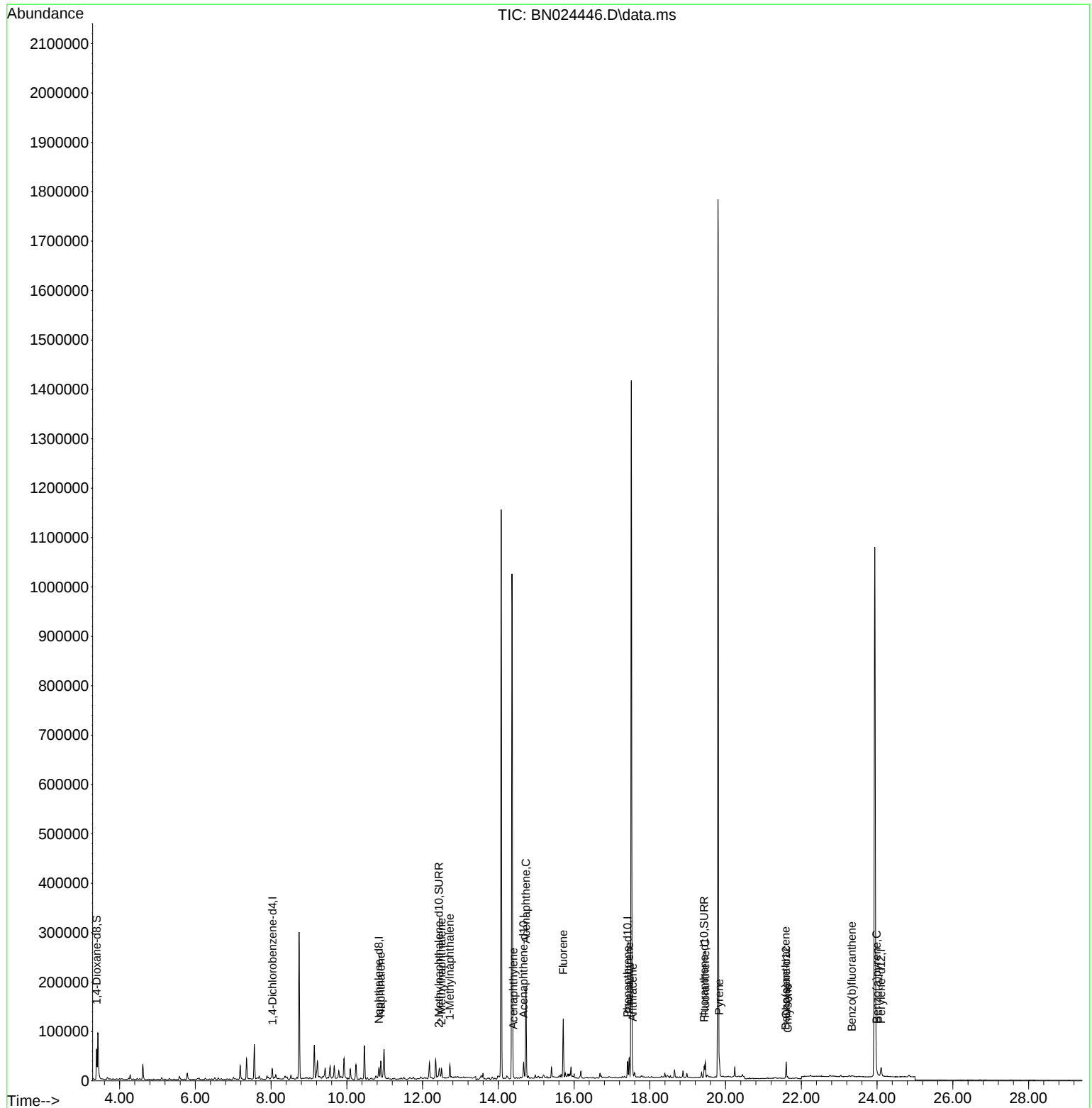
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024446.D
Acq On : 21 Mar 2023 13:16
Operator : CG/JU
Sample : 01884-05
Misc :
ALS Vial : 46 Sample Multiplier: 1

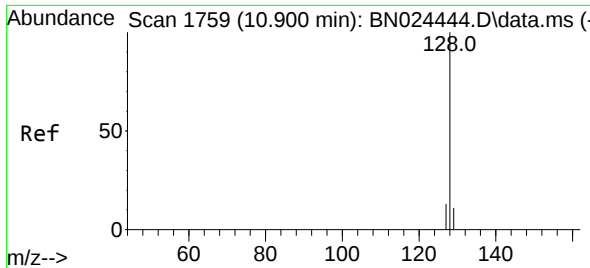
Instrument :
BNA_N
ClientSampleId :
CB911

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

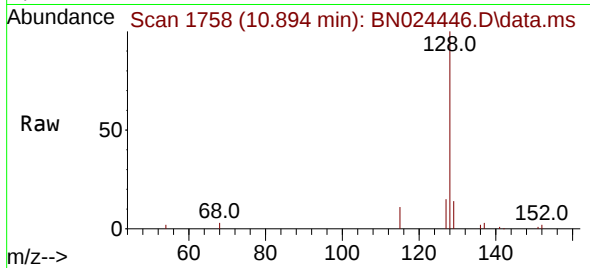
Quant Time: Mar 21 17:39:22 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 02:42:36 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.600 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

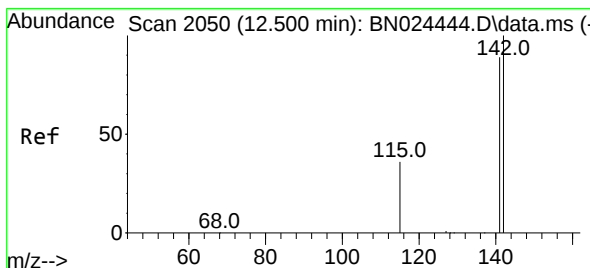
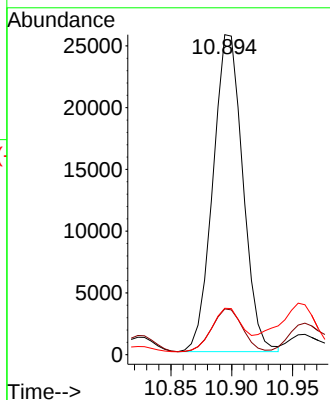
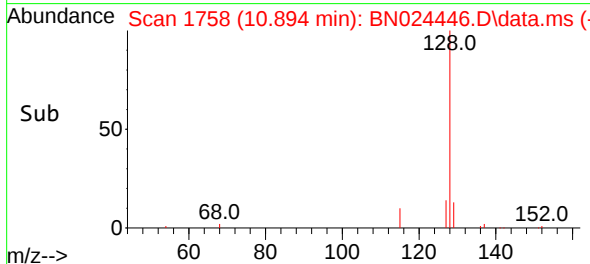
Instrument :
BNA_N
ClientSampleId :
CB911



Tgt Ion:128 Resp: 4402
Ion Ratio Lower Upper
128 100
129 14.3 9.0 13.6
127 14.5 10.5 15.7

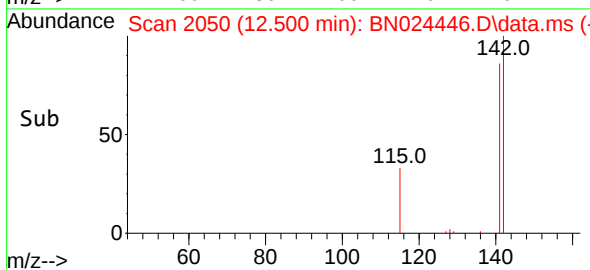
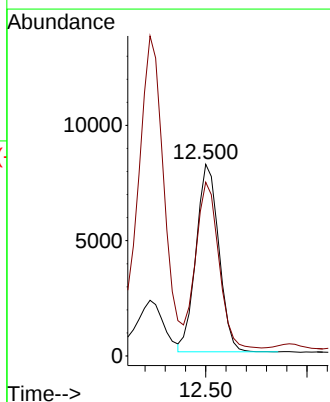
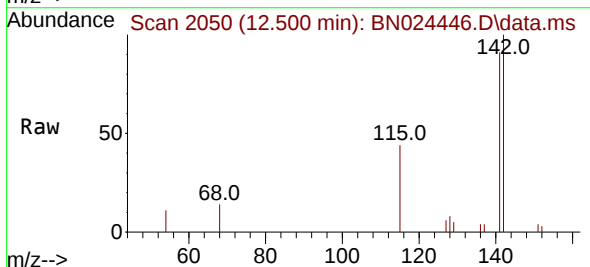
Manual Integrations
APPROVED

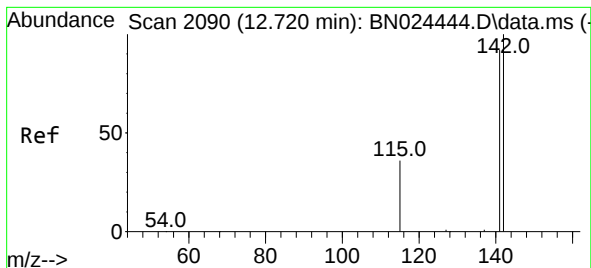
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#7
2-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

Tgt Ion:142 Resp: 12678
Ion Ratio Lower Upper
142 100
141 88.6 70.3 105.5





#8

1-Methylnaphthalene

Concen: 0.364 ng/ul

RT: 12.720 min Scan# 2090

Delta R.T. -0.006 min

Lab File: BN024446.D

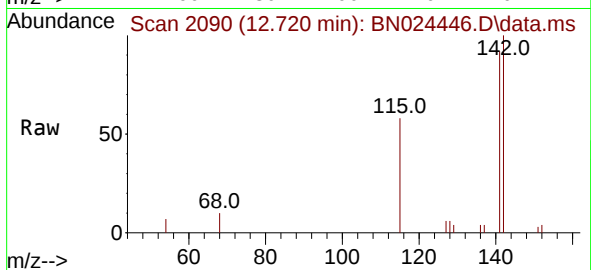
Acq: 21 Mar 2023 13:16

Instrument :

BNA_N

ClientSampleId :

CB911



Tgt Ion:142 Resp: 1699

Ion Ratio Lower Upper

142 100

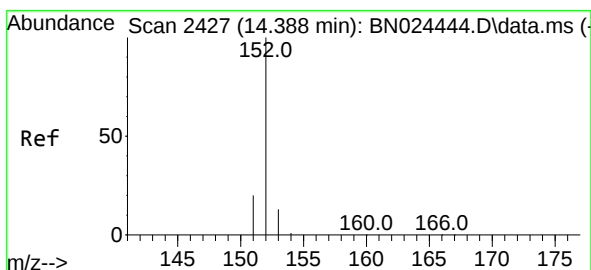
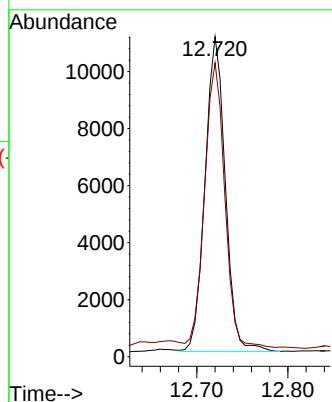
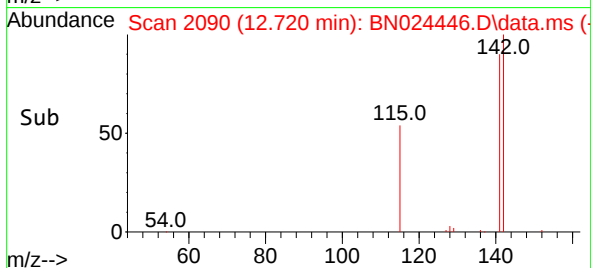
141 89.6 73.0 109.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/22/2023

Supervised By :Jagrut Upadhyay 03/22/2023



#10

Acenaphthylene

Concen: 0.057 ng/ul

RT: 14.393 min Scan# 2428

Delta R.T. -0.000 min

Lab File: BN024446.D

Acq: 21 Mar 2023 13:16

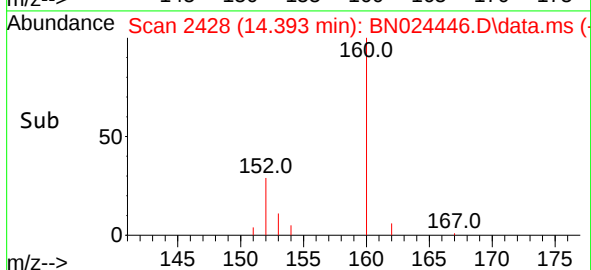
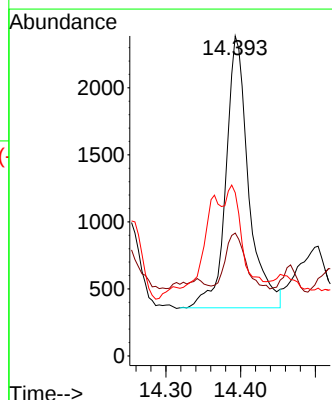
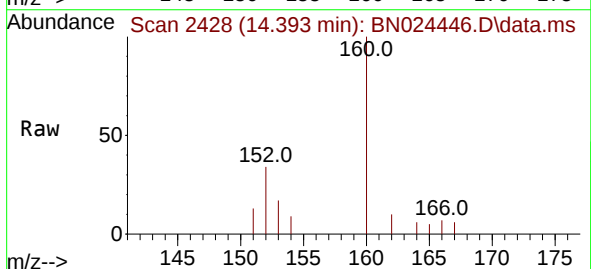
Tgt Ion:152 Resp: 4268

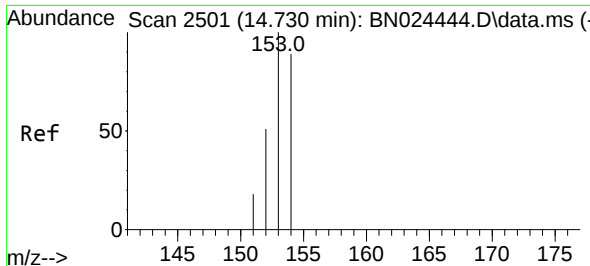
Ion Ratio Lower Upper

152 100

151 38.4 15.9 23.9#

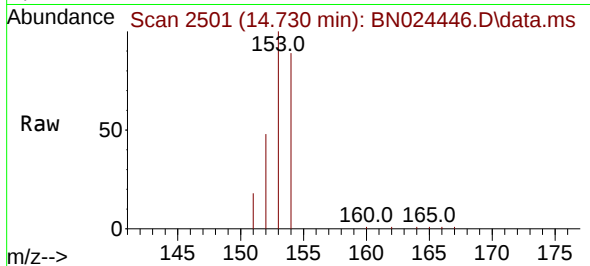
153 51.0 10.6 16.0#





#11
Acenaphthene
Concen: 1.788 ng/ul
RT: 14.730 min Scan# 2501
Delta R.T. -0.000 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

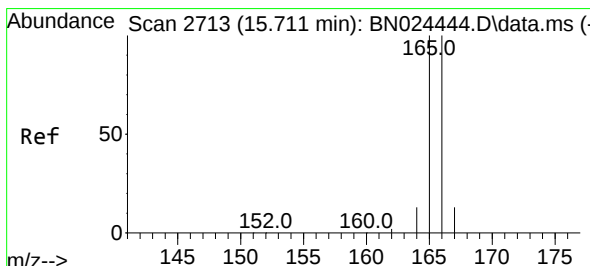
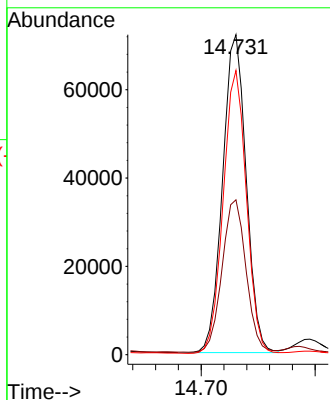
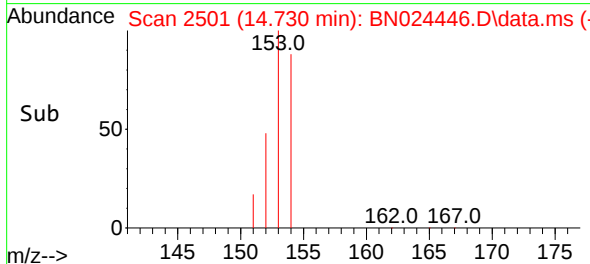
Instrument :
BNA_N
ClientSampleId :
CB911



Tgt Ion:153 Resp: 103285
Ion Ratio Lower Upper
153 100
152 48.4 42.6 64.0
154 88.8 70.6 105.8

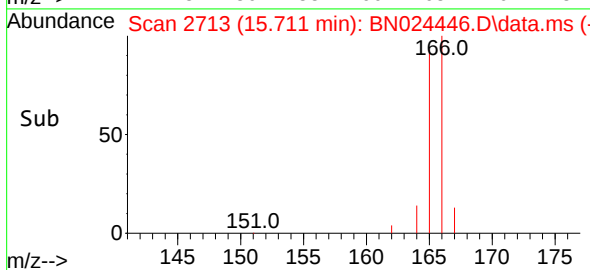
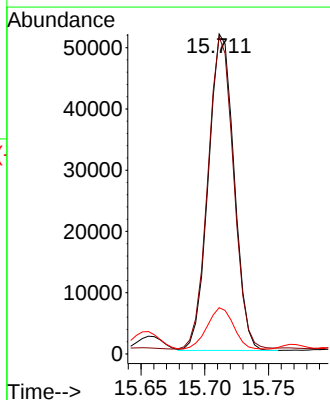
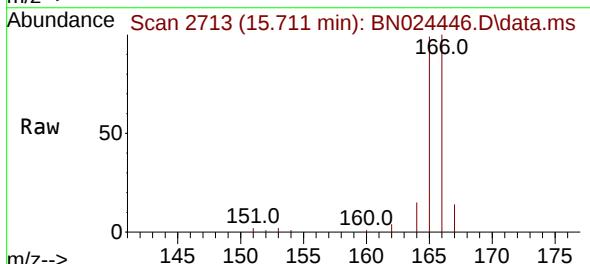
Manual Integrations
APPROVED

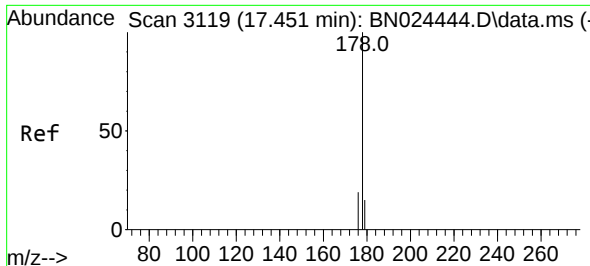
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#12
Fluorene
Concen: 1.120 ng/ul
RT: 15.711 min Scan# 2713
Delta R.T. -0.005 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

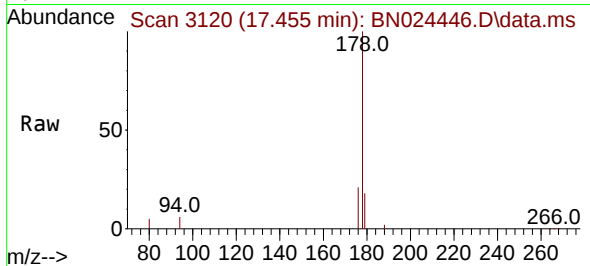
Tgt Ion:166 Resp: 72262
Ion Ratio Lower Upper
166 100
165 99.2 77.4 116.0
167 14.5 10.9 16.3





#15
Phenanthrene
Concen: 0.398 ng/u1
RT: 17.455 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

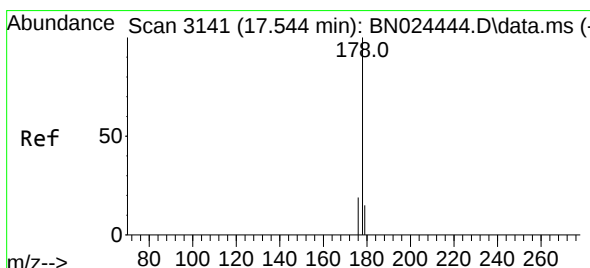
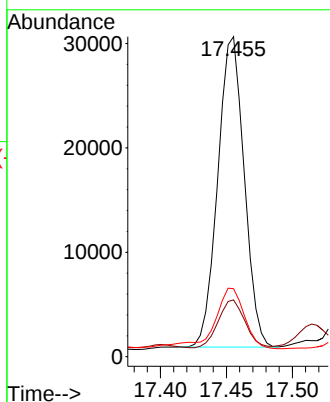
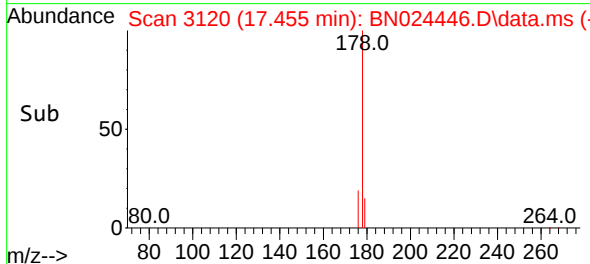
Instrument :
BNA_N
ClientSampleId :
CB911



Tgt Ion:178 Resp: 41435
Ion Ratio Lower Upper
178 100
179 17.8 12.2 18.2
176 21.3 15.7 23.5

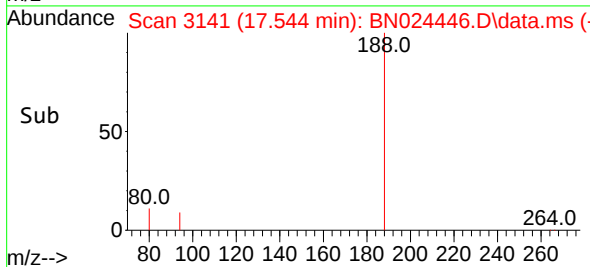
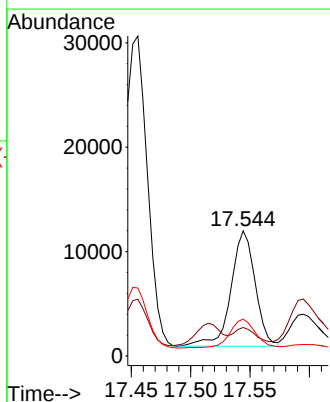
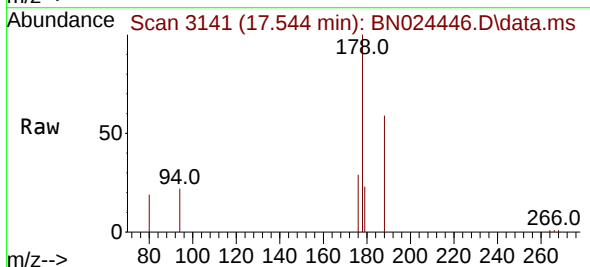
Manual Integrations
APPROVED

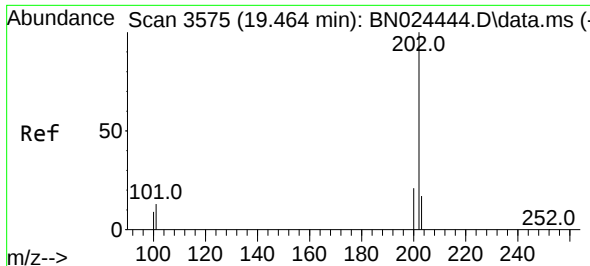
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#16
Anthracene
Concen: 0.172 ng/u1
RT: 17.544 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

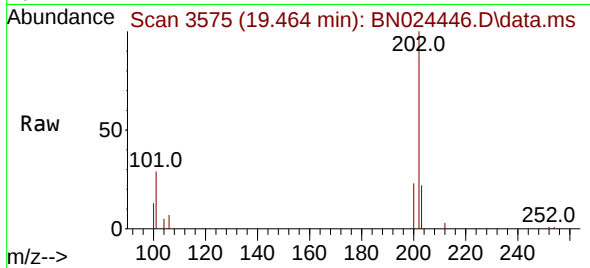
Tgt Ion:178 Resp: 15715
Ion Ratio Lower Upper
178 100
179 22.7 12.3 18.5#
176 29.4 15.3 22.9#





#19
Fluoranthene
Concen: 0.192 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

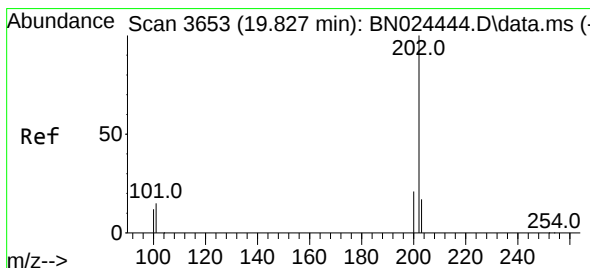
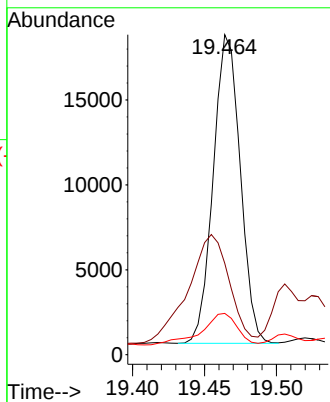
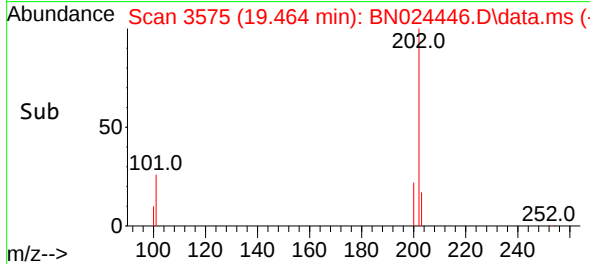
Instrument :
BNA_N
ClientSampleId :
CB911



Tgt Ion:202 Resp: 2372
Ion Ratio Lower Upper
202 100
101 28.6 10.4 15.6
100 12.9 7.7 11.5

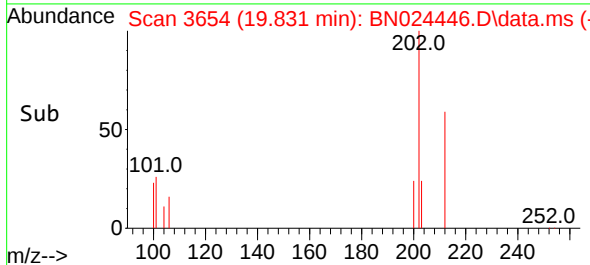
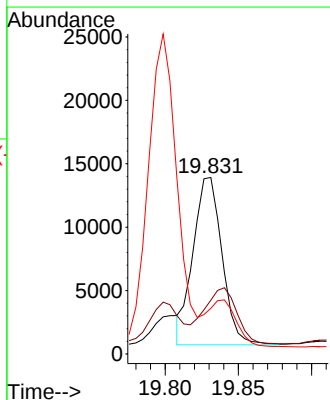
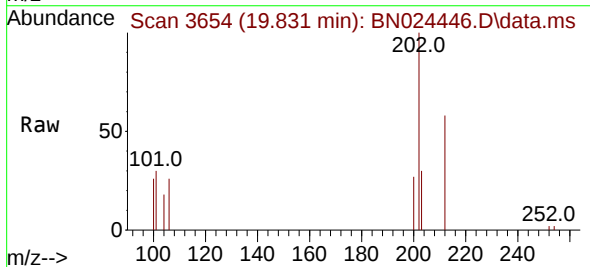
Manual Integrations
APPROVED

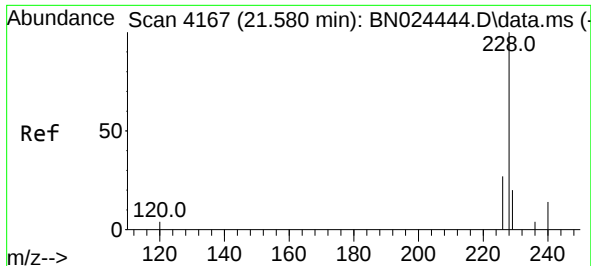
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#20
Pyrene
Concen: 0.145 ng/ul m
RT: 19.831 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

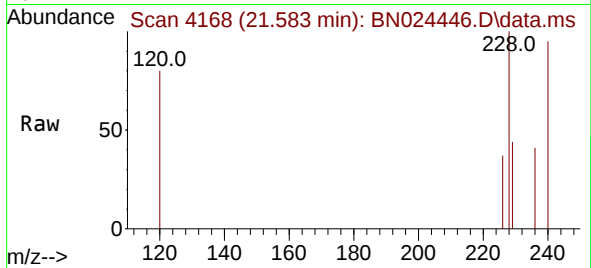
Tgt Ion:202 Resp: 18227
Ion Ratio Lower Upper
202 100
101 30.4 12.1 18.1#
100 25.8 9.4 14.0#





#21
Benzo(a)anthracene
Concen: 0.039 ng/ul
RT: 21.583 min Scan# 4167
Delta R.T. -0.000 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

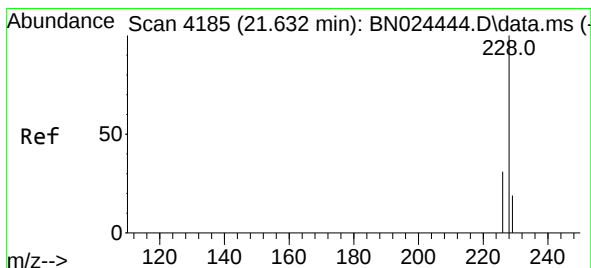
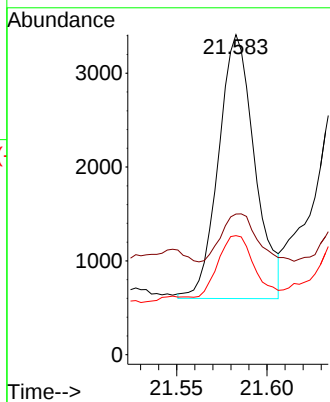
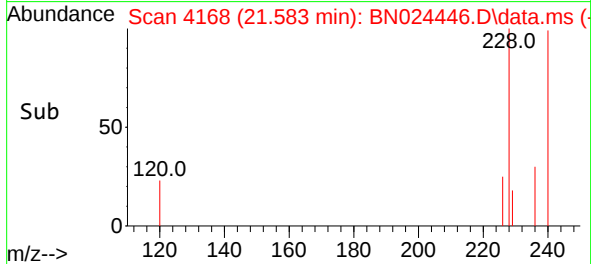
Instrument :
BNA_N
ClientSampleId :
CB911



Tgt Ion:228 Resp: 3920
Ion Ratio Lower Upper
228 100
229 44.0 15.8 23.6#
226 37.2 22.2 33.4#

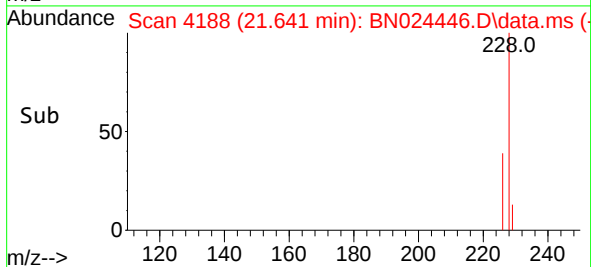
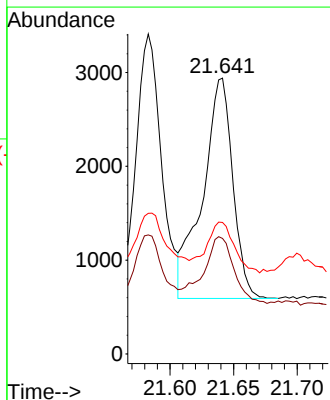
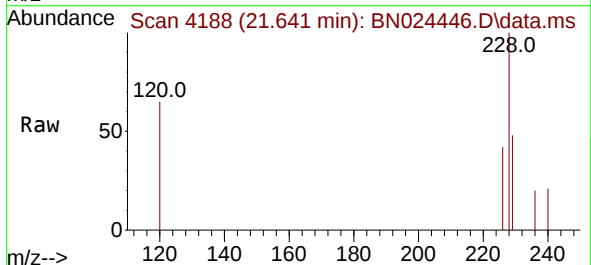
Manual Integrations
APPROVED

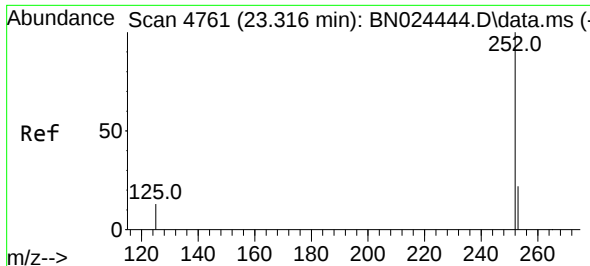
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#22
Chrysene
Concen: 0.036 ng/ul
RT: 21.641 min Scan# 4188
Delta R.T. -0.000 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

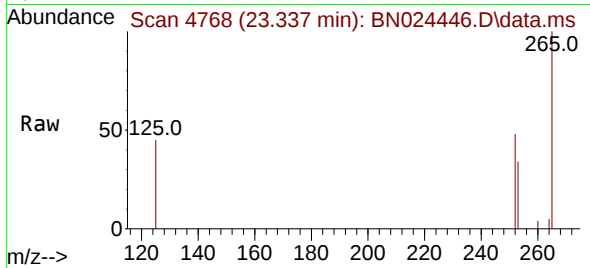
Tgt Ion:228 Resp: 3881
Ion Ratio Lower Upper
228 100
226 41.9 24.8 37.2#
229 47.7 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.035 ng/ul m
RT: 23.337 min Scan# 4761
Delta R.T. -0.003 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16

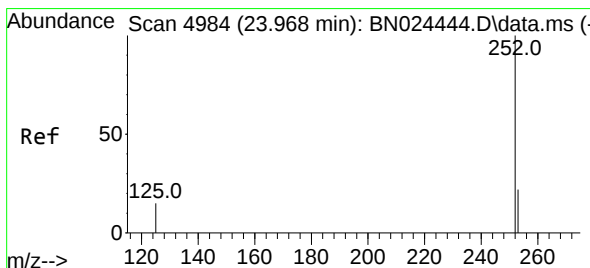
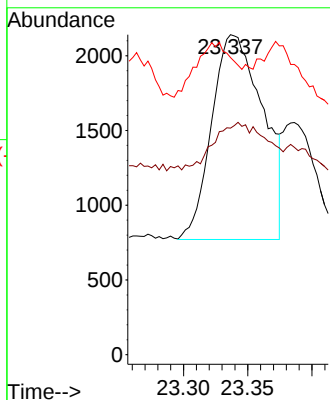
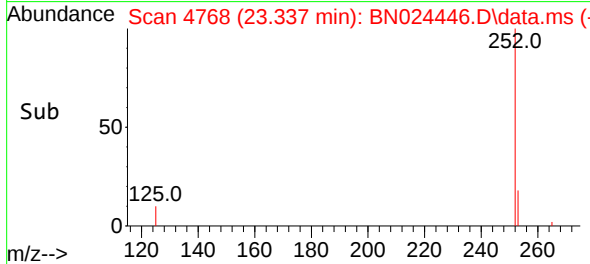
Instrument :
BNA_N
ClientSampleId :
CB911



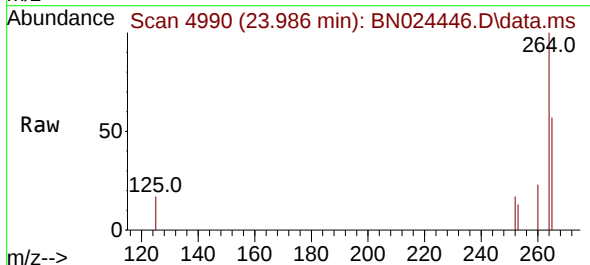
Tgt Ion:252 Resp: 382
Ion Ratio Lower Upper
252 100
253 70.8 0.0 46.2
125 92.9 0.0 34.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#26
Benzo(a)pyrene
Concen: 0.027 ng/ul
RT: 23.986 min Scan# 4990
Delta R.T. -0.003 min
Lab File: BN024446.D
Acq: 21 Mar 2023 13:16



Tgt Ion:252 Resp: 2539
Ion Ratio Lower Upper
252 100
253 75.7 19.2 28.8#
125 98.0 15.8 23.6#

