

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
 Data File : BN027106.D
 Acq On : 24 Aug 2023 20:29
 Operator : MA/JU
 Sample : 03968-30
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48P8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 03:51:48 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.089	152	6826	0.400	ng/ul	0.00
4) Naphthalene-d8	10.911	136	22697	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.717	164	13578	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	29799	0.400	ng/ul	0.00
17) Chrysene-d12	21.633	240	25622	0.400	ng/ul	0.00
23) Perylene-d12	24.170	264	27134	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	32987	4.071	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.484	152	6378	0.191	ng/ul	-0.01
18) Fluoranthene-d10	19.478	212	17047	0.211	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.960	128	1836	0.029	ng/ul#	82
10) Acenaphthylene	14.444	152	6123	0.080	ng/ul	96
12) Fluorene	15.758	166	1333	0.022	ng/ul#	94
15) Phenanthrene	17.502	178	30086	0.307	ng/ul	99
16) Anthracene	17.595	178	8007	0.091	ng/ul	95
19) Fluoranthene	19.506	202	99568	0.936	ng/ul	97
20) Pyrene	19.873	202	92192m	0.812	ng/ul	
21) Benzo(a)anthracene	21.615	228	54733	0.537	ng/ul	98
22) Chrysene	21.671	228	57094m	0.568	ng/ul	
24) Benzo(b)fluoranthene	23.381	252	83933m	0.818	ng/ul	
25) Benzo(k)fluoranthene	23.427	252	29593m	0.292	ng/ul	
26) Benzo(a)pyrene	24.053	252	58624	0.633	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.841	276	35491	0.293	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.851	278	8423	0.087	ng/ul#	72
29) Benzo(g,h,i)perylene	27.683	276	33299	0.330	ng/ul	97

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

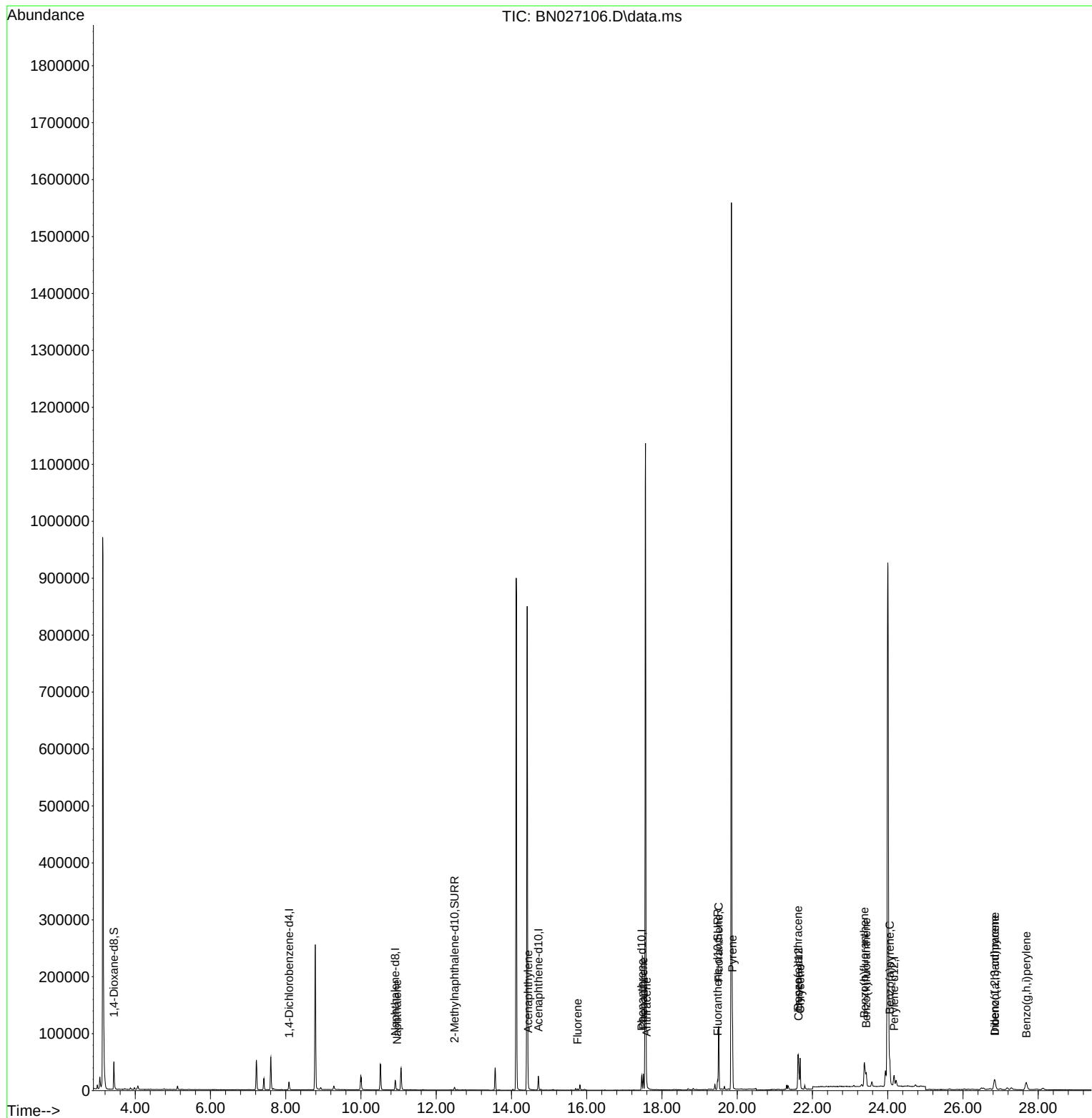
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082423\
Data File : BN027106.D
Acq On : 24 Aug 2023 20:29
Operator : MA/JU
Sample : 03968-30
Misc :
ALS Vial : 9 Sample Multiplier: 1

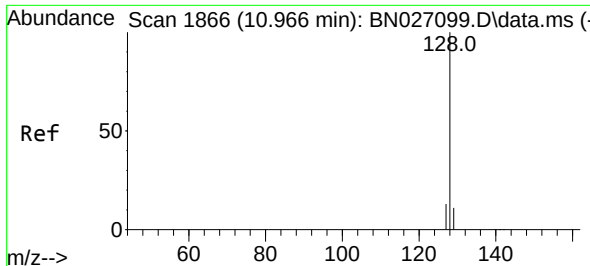
Instrument :
BNA_N
ClientSampleId :
A48P8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

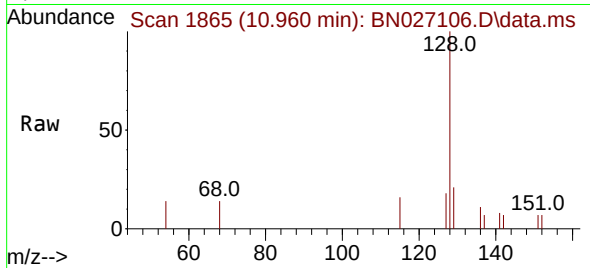
Quant Time: Aug 25 03:51:48 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 23 02:28:27 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.960 min Scan# 1866
Delta R.T. -0.011 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29

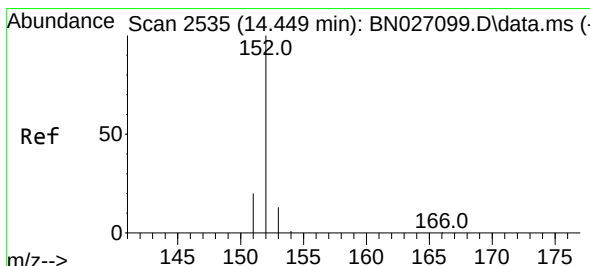
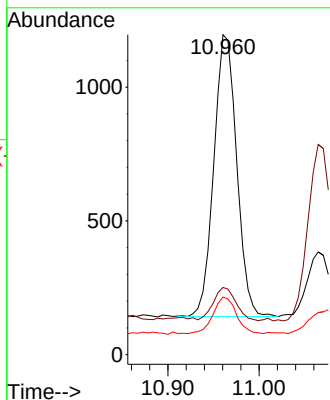
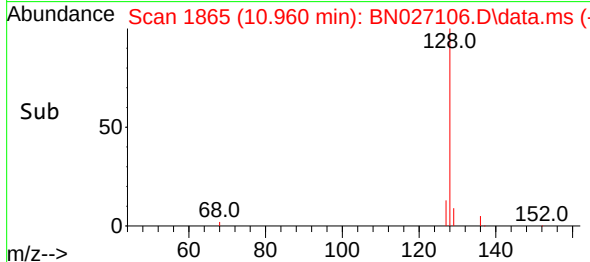
Instrument :
BNA_N
ClientSampleId :
A48P8



Tgt Ion:128 Resp: 1830
Ion Ratio Lower Upper
128 100
129 21.0 9.2 13.8
127 18.0 10.5 15.7

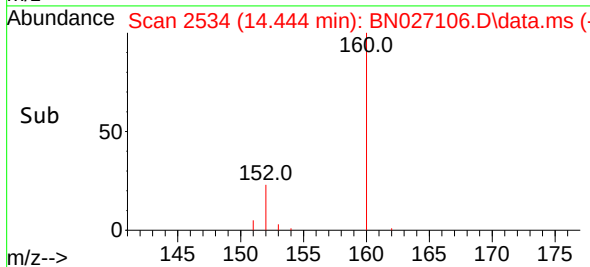
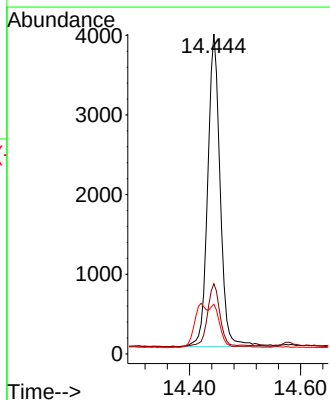
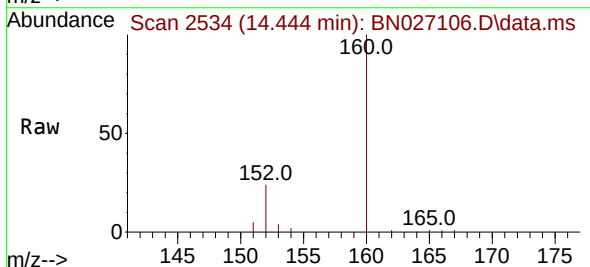
Manual Integrations
APPROVED

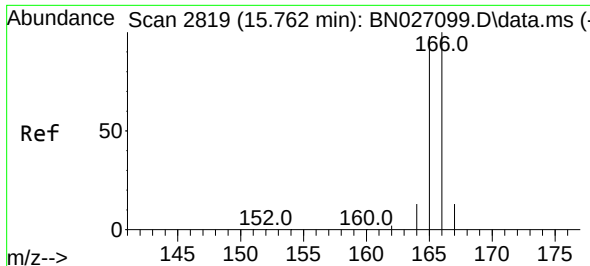
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 14.444 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29

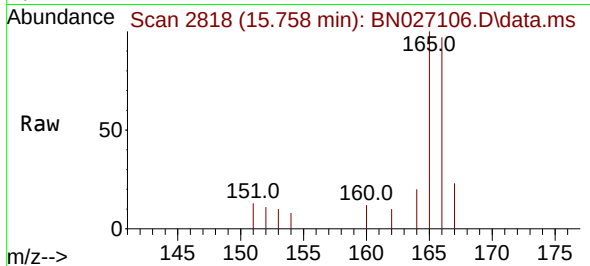
Tgt Ion:152 Resp: 6123
Ion Ratio Lower Upper
152 100
151 21.9 15.9 23.9
153 15.6 11.0 16.6





#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.758 min Scan# 2819
Delta R.T. -0.009 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29

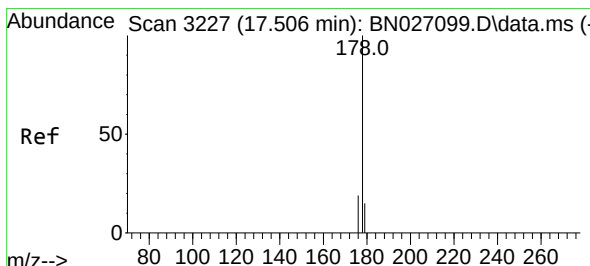
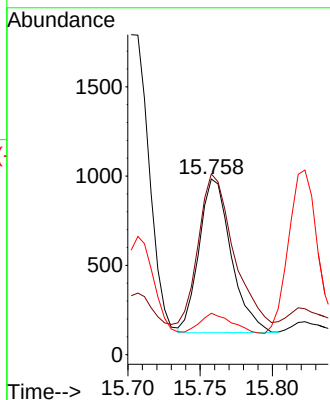
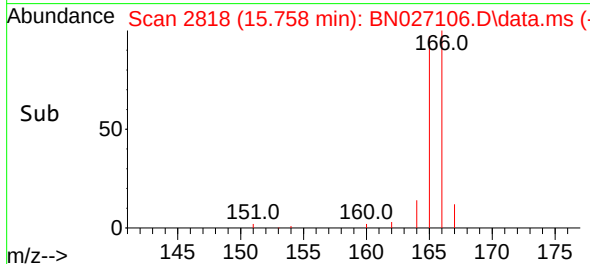
Instrument :
BNA_N
ClientSampleId :
A48P8



Tgt Ion:166 Resp: 133
Ion Ratio Lower Upper
166 100
165 102.8 79.1 118.7
167 23.6 11.4 17.0

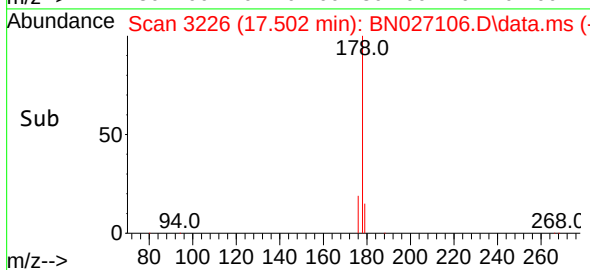
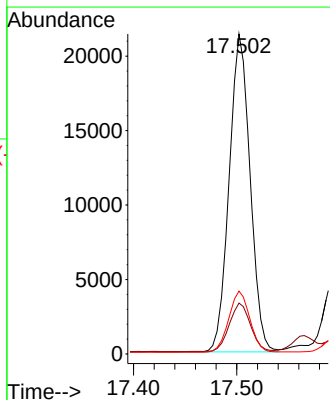
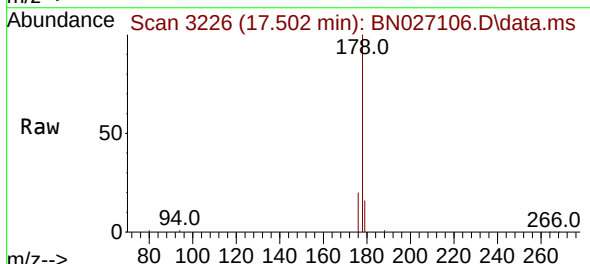
Manual Integrations
APPROVED

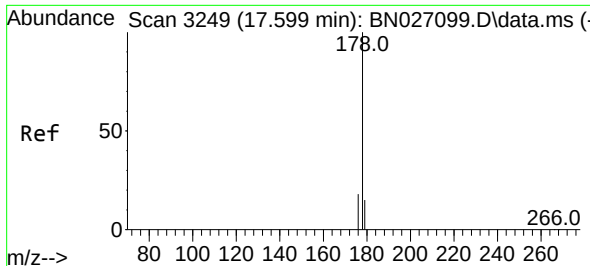
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#15
Phenanthrene
Concen: 0.307 ng/ul
RT: 17.502 min Scan# 3226
Delta R.T. -0.008 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29

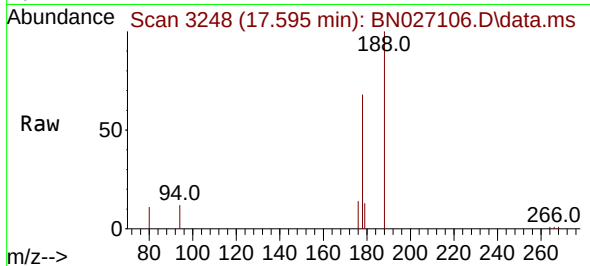
Tgt Ion:178 Resp: 30086
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.7 15.4 23.2





#16
 Anthracene
 Concen: 0.091 ng/ul
 RT: 17.595 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BN027106.D
 Acq: 24 Aug 2023 20:29

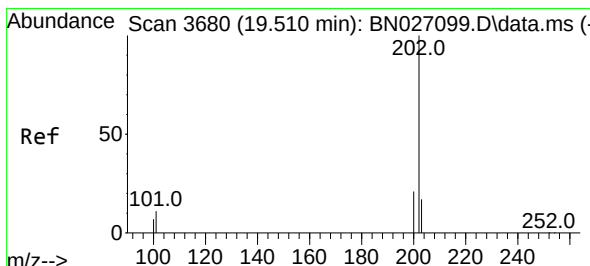
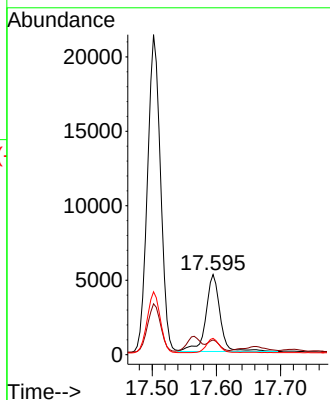
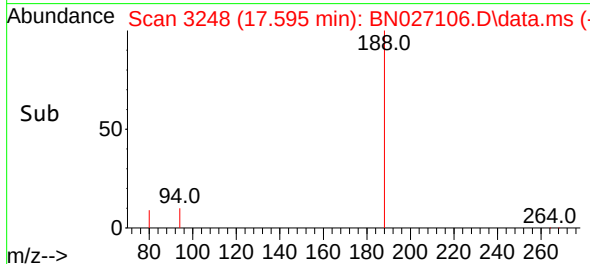
Instrument :
 BNA_N
 ClientSampleId :
 A48P8



Tgt Ion:178 Resp: 800
 Ion Ratio Lower Upper
 178 100
 179 18.4 12.6 19.0
 176 20.4 15.0 22.6

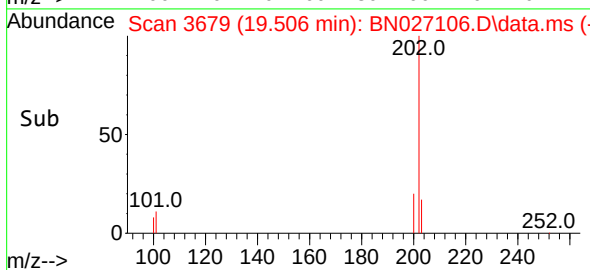
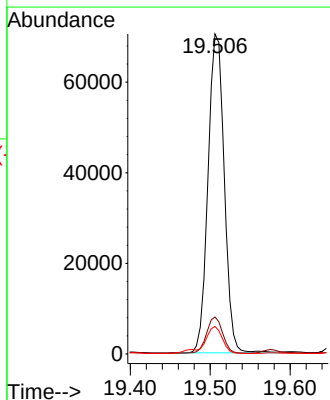
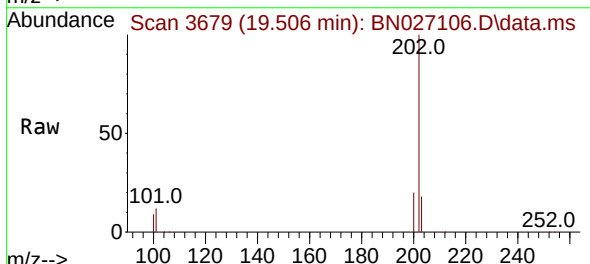
Manual Integrations
 APPROVED

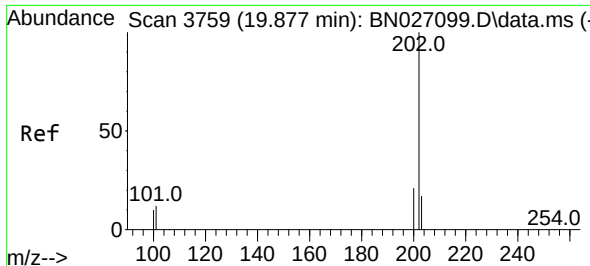
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023



#19
 Fluoranthene
 Concen: 0.936 ng/ul
 RT: 19.506 min Scan# 3679
 Delta R.T. -0.009 min
 Lab File: BN027106.D
 Acq: 24 Aug 2023 20:29

Tgt Ion:202 Resp: 99568
 Ion Ratio Lower Upper
 202 100
 101 11.6 8.3 12.5
 100 8.6 6.2 9.2





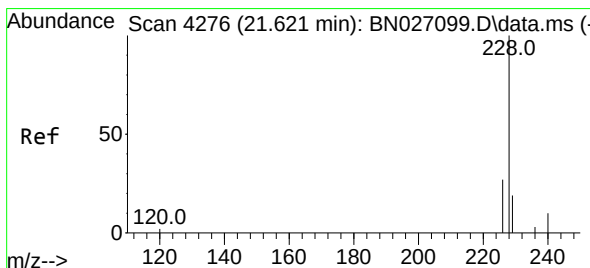
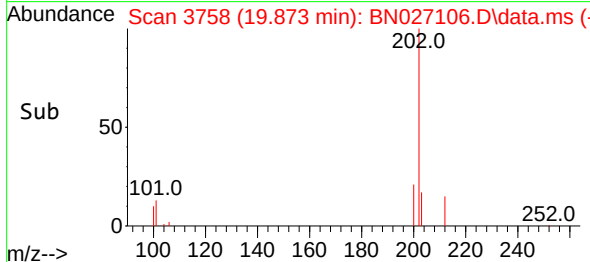
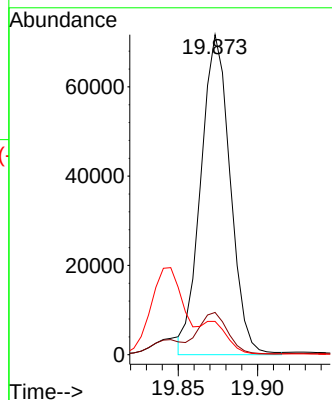
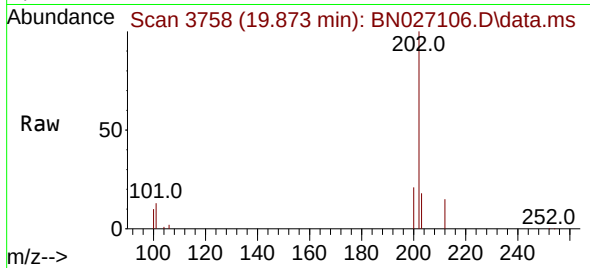
#20
Pyrene
Concen: 0.812 ng/ul m
RT: 19.873 min Scan# 3759
Delta R.T. -0.009 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29

Instrument :
BNA_N
ClientSampleId :
A48P8

Tgt Ion:202 Resp: 9219
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.4 8.5 12.7

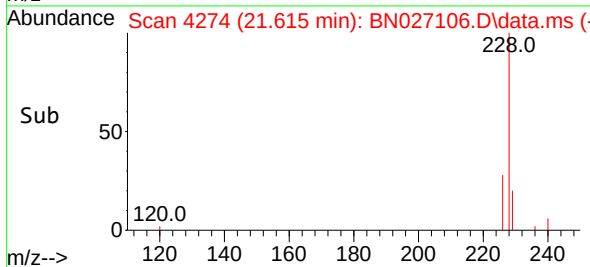
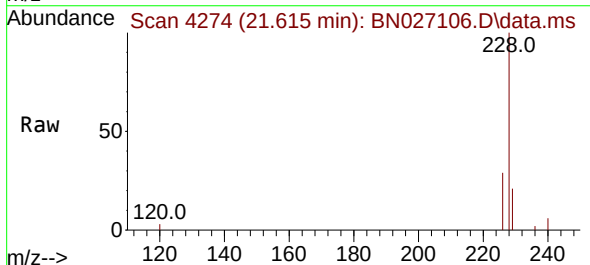
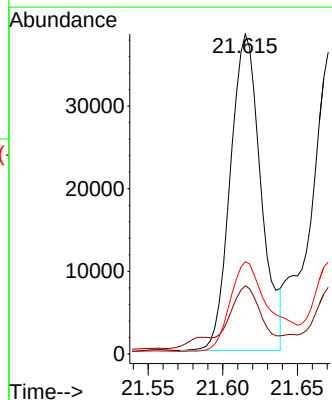
Manual Integrations
APPROVED

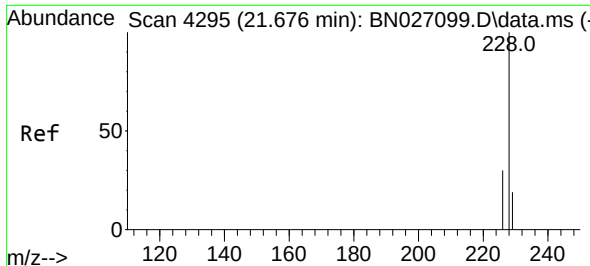
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#21
Benzo(a)anthracene
Concen: 0.537 ng/ul
RT: 21.615 min Scan# 4274
Delta R.T. -0.006 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29

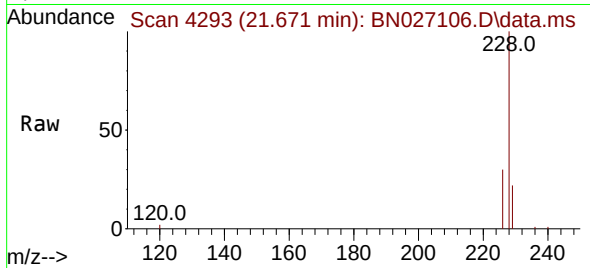
Tgt Ion:228 Resp: 54733
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 28.8 22.2 33.2





#22
Chrysene
Concen: 0.568 ng/ul m
RT: 21.671 min Scan# 4295
Delta R.T. -0.006 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29

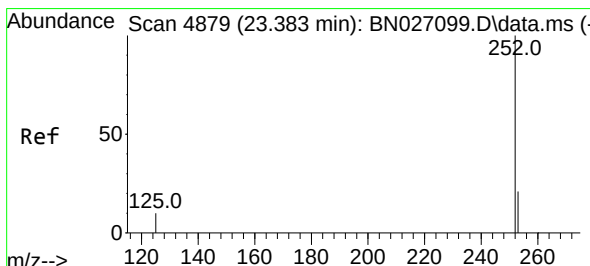
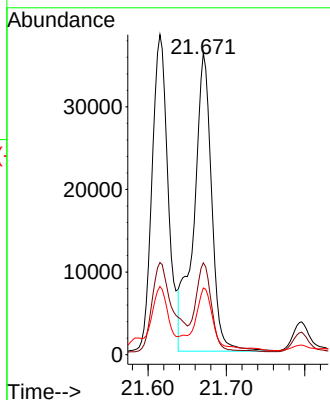
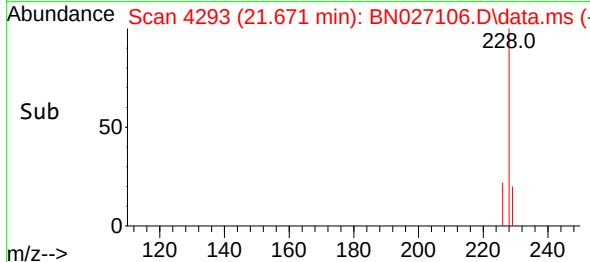
Instrument :
BNA_N
ClientSampleId :
A48P8



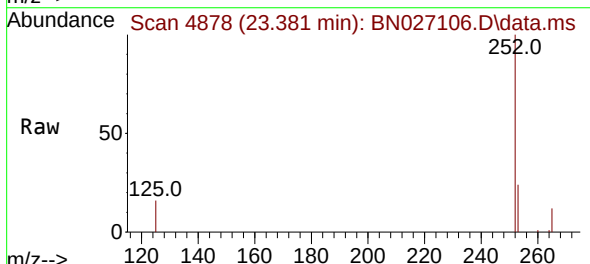
Tgt Ion:228 Resp: 57094
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 22.1 15.8 23.6

Manual Integrations
APPROVED

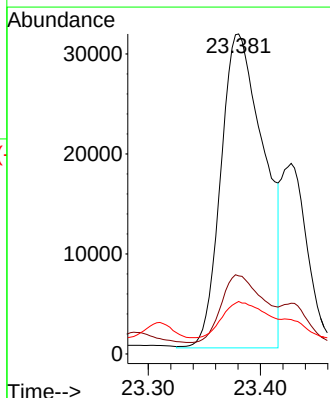
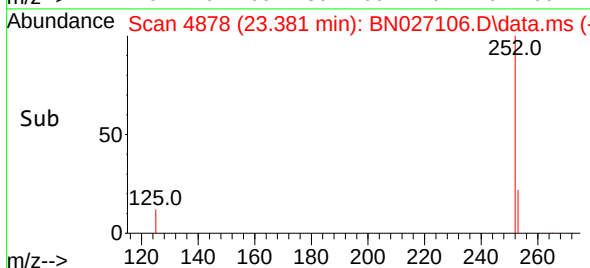
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

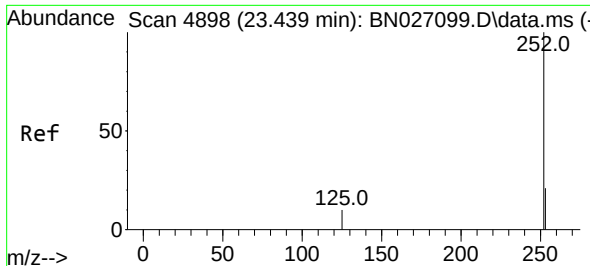


#24
Benzo(b)fluoranthene
Concen: 0.818 ng/ul m
RT: 23.381 min Scan# 4878
Delta R.T. -0.006 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29



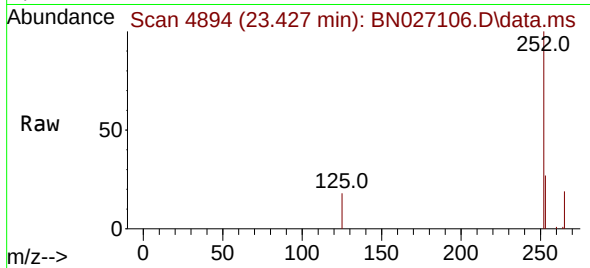
Tgt Ion:252 Resp: 83933
Ion Ratio Lower Upper
252 100
253 24.4 0.0 46.8
125 16.4 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.292 ng/ul m
RT: 23.427 min Scan# 4898
Delta R.T. -0.012 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29

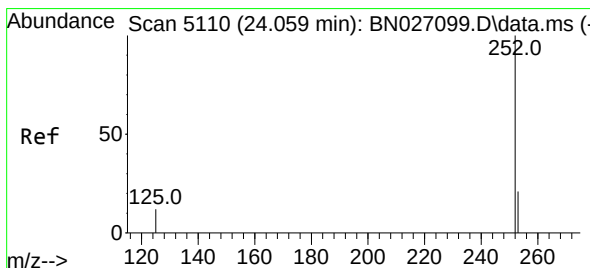
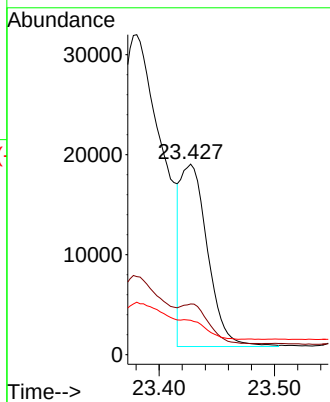
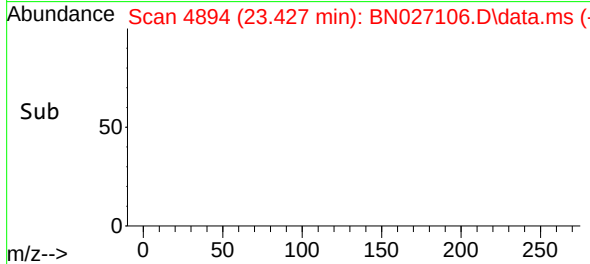
Instrument :
BNA_N
ClientSampleId :
A48P8



Tgt Ion:252 Resp: 2959
Ion Ratio Lower Upper
252 100
253 26.6 18.2 27.4
125 18.1 9.9 14.9

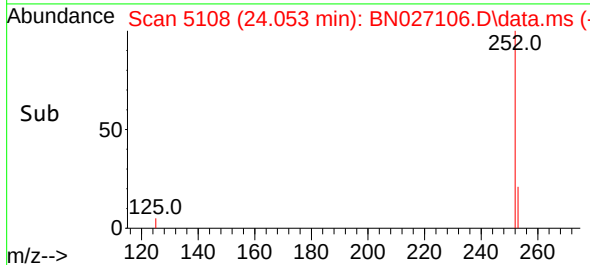
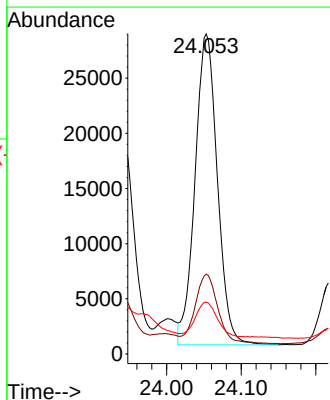
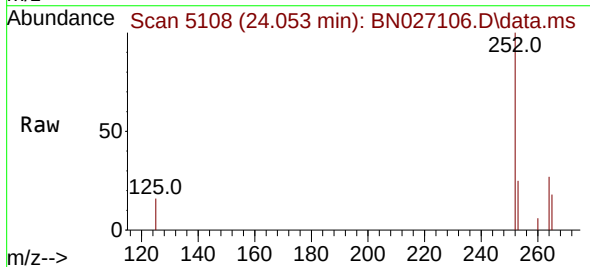
Manual Integrations
APPROVED

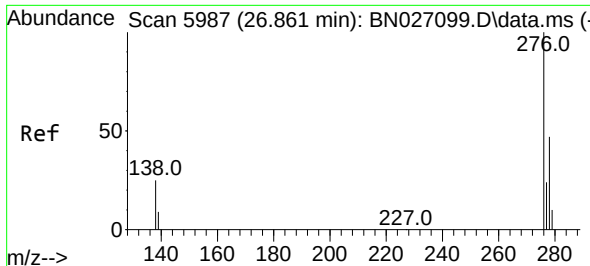
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#26
Benzo(a)pyrene
Concen: 0.633 ng/ul
RT: 24.053 min Scan# 5108
Delta R.T. -0.009 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29

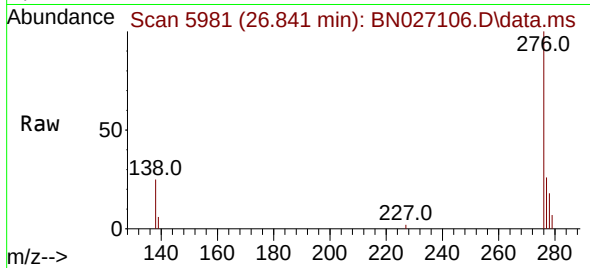
Tgt Ion:252 Resp: 58624
Ion Ratio Lower Upper
252 100
253 24.9 19.0 28.6
125 16.2 11.4 17.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng/ul
RT: 26.841 min Scan# 5987
Delta R.T. -0.013 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29

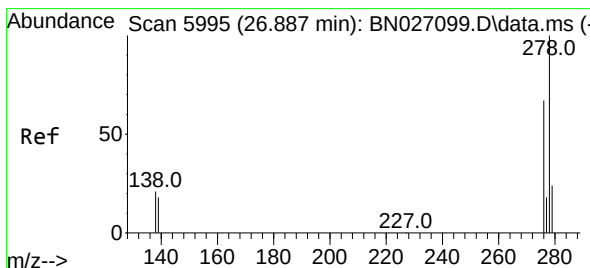
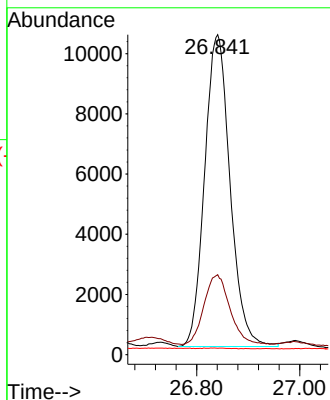
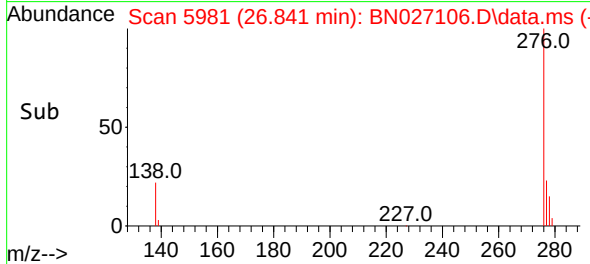
Instrument :
BNA_N
ClientSampleId :
A48P8



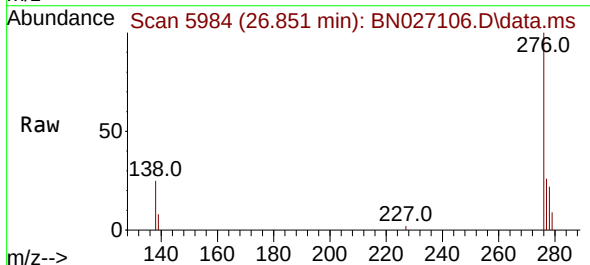
Tgt Ion:276 Resp: 3549
Ion Ratio Lower Upper
276 100
138 23.0 21.6 32.4
227 0.1 0.0 0.0

Manual Integrations
APPROVED

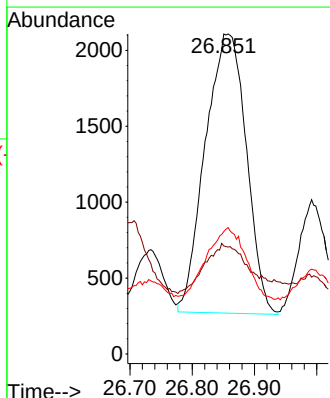
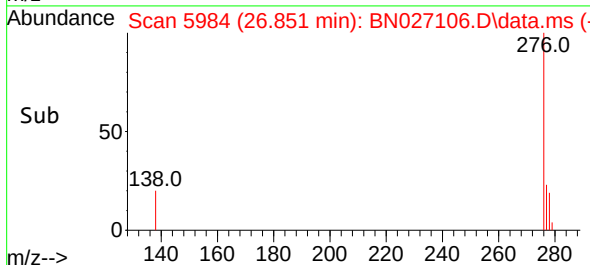
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

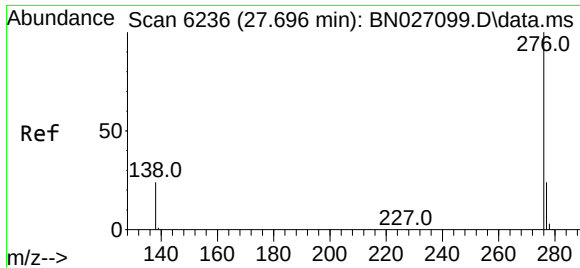


#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.851 min Scan# 5984
Delta R.T. -0.034 min
Lab File: BN027106.D
Acq: 24 Aug 2023 20:29



Tgt Ion:278 Resp: 8423
Ion Ratio Lower Upper
278 100
139 33.8 15.7 23.5#
279 38.3 20.2 30.4#





#29

Benzo(g,h,i)perylene

Concen: 0.330 ng/ul

RT: 27.683 min Scan# 61

Delta R.T. -0.013 min

Lab File: BN027106.D

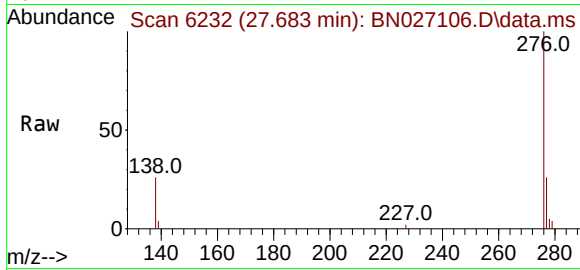
Acq: 24 Aug 2023 20:29

Instrument :

BNA_N

ClientSampleId :

A48P8



Tgt Ion:276 Resp: 33299

Ion Ratio Lower Upper

276 100

138 26.0 19.3 28.9

277 25.7 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023

