

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036106.D
 Acq On : 29 Jan 2025 11:55
 Operator : RC/JU
 Sample : Q1184-12DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2963DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 29 12:32:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	2275	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	5904m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.445	164	4884m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	5591	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.377	240	5562	0.400	ng/ul	# 0.00
23) Perylene-d12	23.681	264	5131	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1548	0.621	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	582m	0.078	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	1438	0.094	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.649	128	44389m	2.729	ng/ul	
7) 2-Methylnaphthalene	12.266	142	5153m	0.510	ng/ul	
8) 1-Methylnaphthalene	12.486	142	4470m	0.436	ng/ul	
11) Acenaphthene	14.510	153	2078	0.123	ng/ul	98
12) Fluorene	15.495	166	1118	0.060	ng/ul#	79
15) Phenanthrene	17.233	178	3478	0.212	ng/ul#	67
19) Fluoranthene	19.252	202	1105	0.052	ng/ul#	45
20) Pyrene	19.615	202	919m	0.042	ng/ul	

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

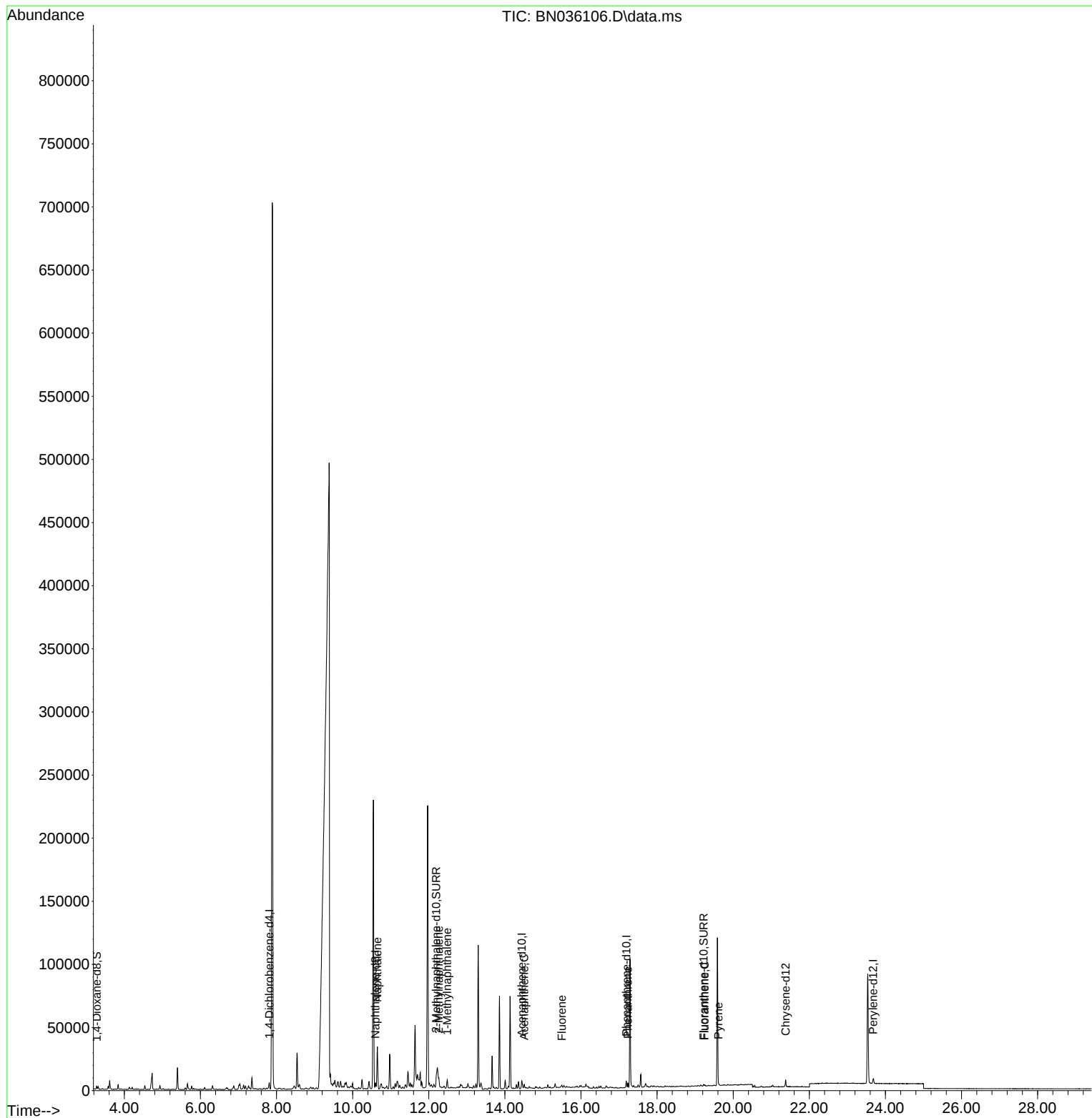
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036106.D
Acq On : 29 Jan 2025 11:55
Operator : RC/JU
Sample : Q1184-12DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

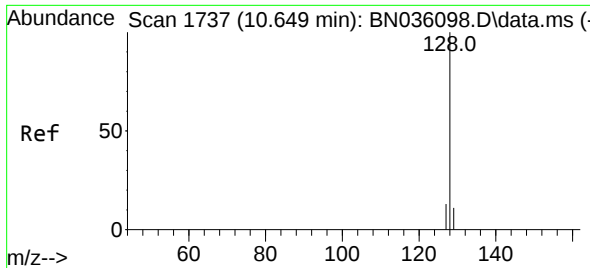
Instrument :
BNA_N
ClientSampleId :
E2963DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

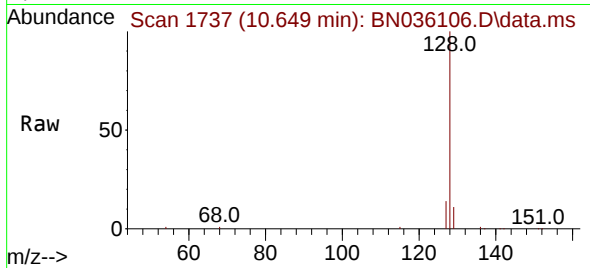
Quant Time: Jan 29 12:32:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.729 ng/ul m
RT: 10.649 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BN036106.D
Acq: 29 Jan 2025 11:55

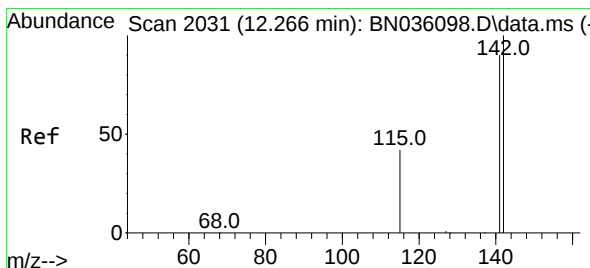
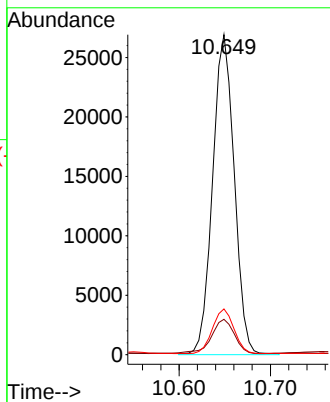
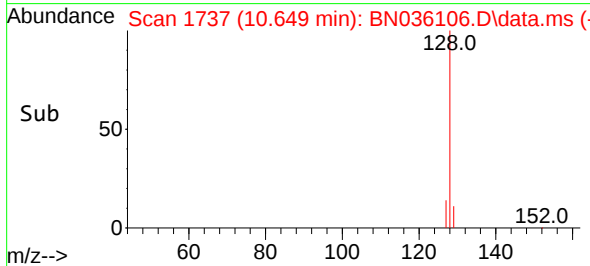
Instrument :
BNA_N
ClientSampleId :
E2963DL



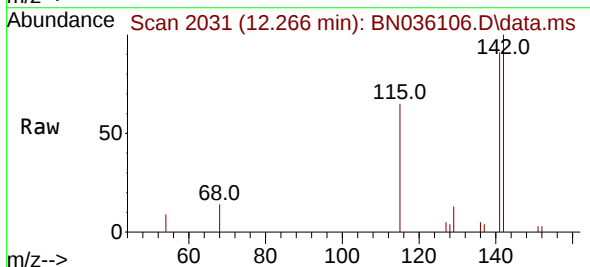
Tgt Ion:128 Resp: 44389
Ion Ratio Lower Upper
128 100
129 11.0 9.6 14.4
127 14.3 12.0 18.0

Manual Integrations
APPROVED

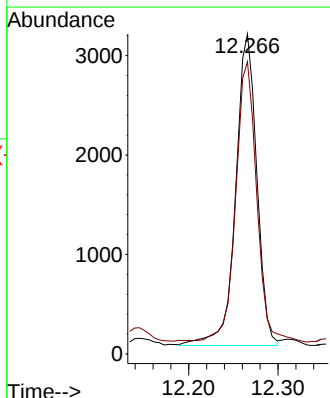
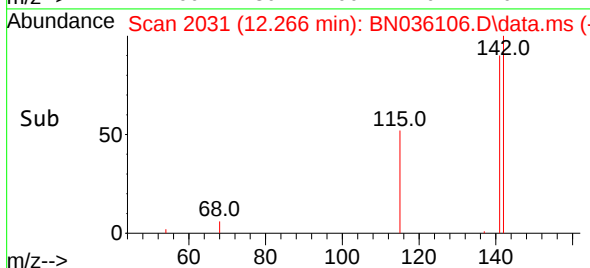
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

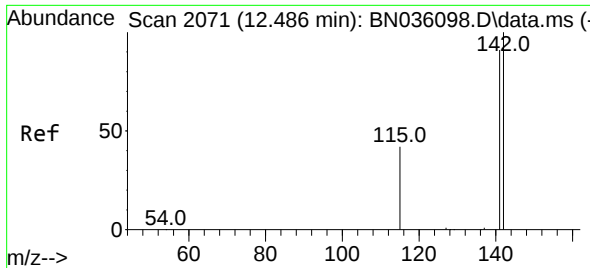


#7
2-Methylnaphthalene
Concen: 0.510 ng/ul m
RT: 12.266 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BN036106.D
Acq: 29 Jan 2025 11:55



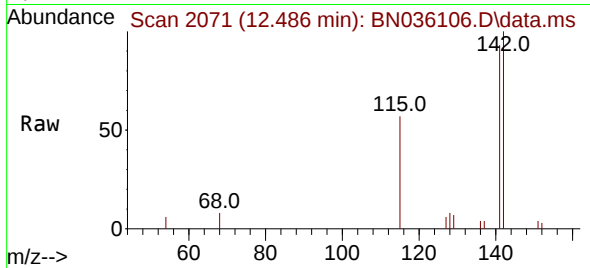
Tgt Ion:142 Resp: 5153
Ion Ratio Lower Upper
142 100
141 80.2 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.436 ng/ul m
RT: 12.486 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BN036106.D
Acq: 29 Jan 2025 11:55

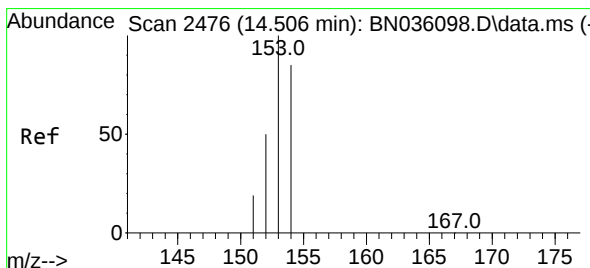
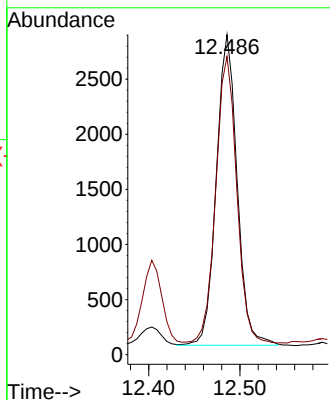
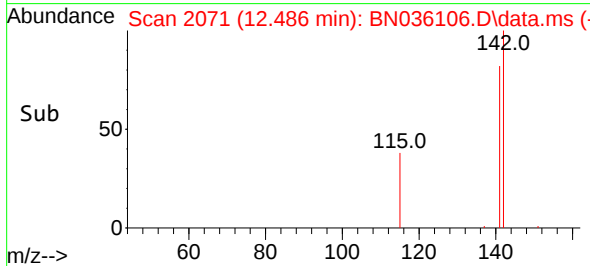
Instrument :
BNA_N
ClientSampleId :
E2963DL



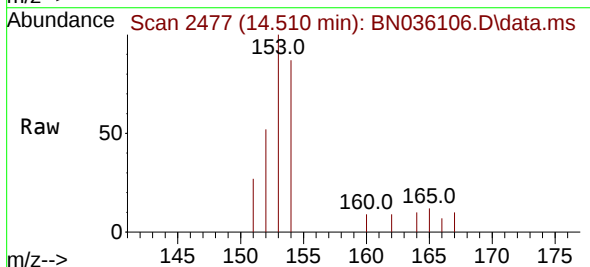
Tgt Ion:142 Resp: 4470
Ion Ratio Lower Upper
142 100
141 83.8 75.2 112.8

Manual Integrations
APPROVED

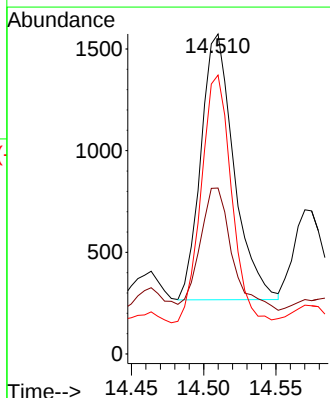
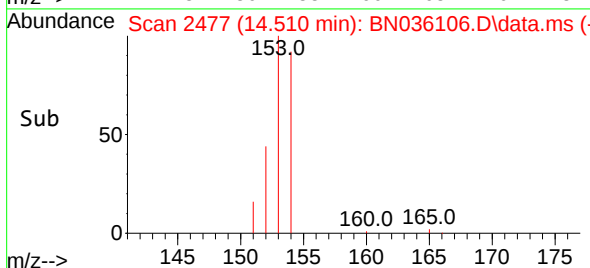
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

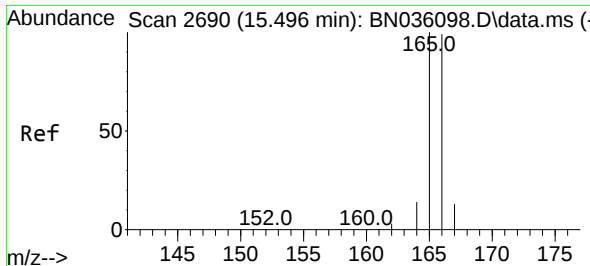


#11
Acenaphthene
Concen: 0.123 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036106.D
Acq: 29 Jan 2025 11:55



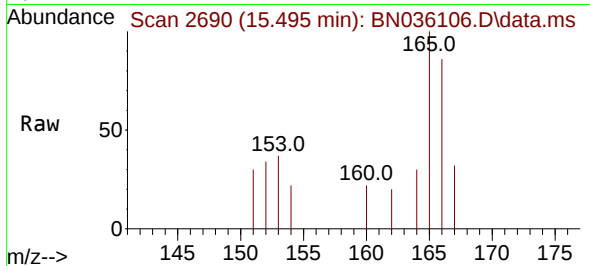
Tgt Ion:153 Resp: 2078
Ion Ratio Lower Upper
153 100
152 51.8 43.2 64.8
154 87.2 70.5 105.7





#12
Fluorene
Concen: 0.060 ng/u1
RT: 15.495 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BN036106.D
Acq: 29 Jan 2025 11:55

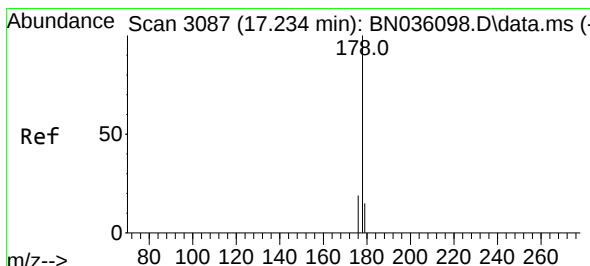
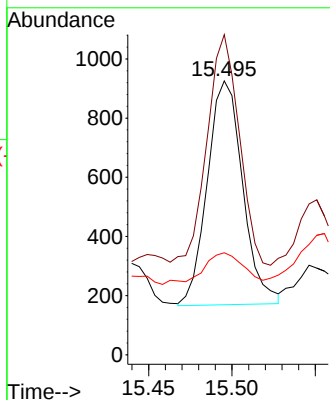
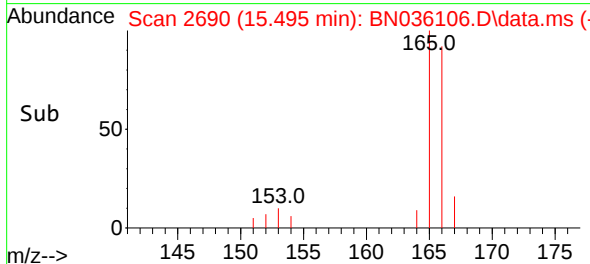
Instrument :
BNA_N
ClientSampleId :
E2963DL



Tgt Ion:166 Resp: 1118
Ion Ratio Lower Upper
166 100
165 116.8 80.3 120.5
167 37.3 12.3 18.5

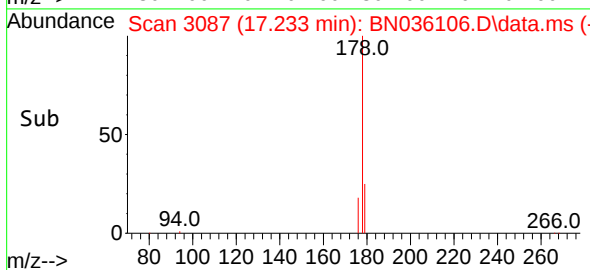
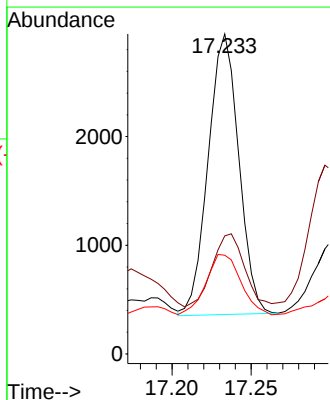
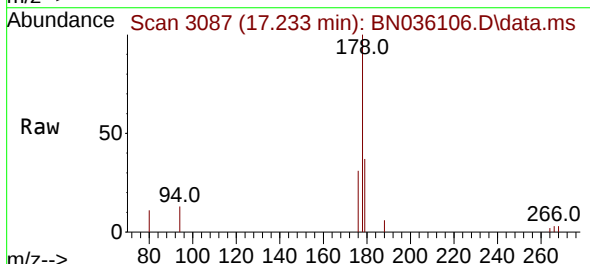
Manual Integrations
APPROVED

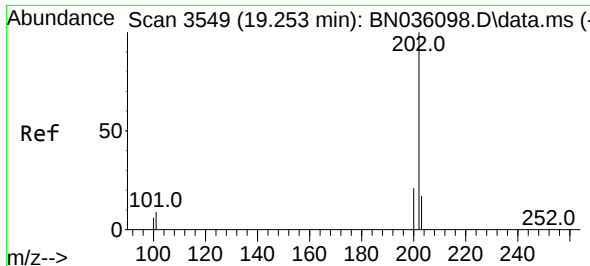
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



#15
Phenanthrene
Concen: 0.212 ng/u1
RT: 17.233 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BN036106.D
Acq: 29 Jan 2025 11:55

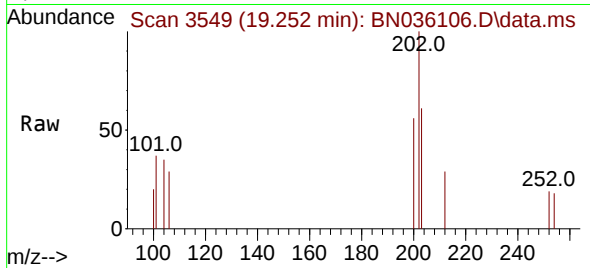
Tgt Ion:178 Resp: 3478
Ion Ratio Lower Upper
178 100
179 36.9 13.2 19.8#
176 30.9 16.8 25.2#





#19
Fluoranthene
Concen: 0.052 ng/ul
RT: 19.252 min Scan# 3549
Delta R.T. 0.005 min
Lab File: BN036106.D
Acq: 29 Jan 2025 11:55

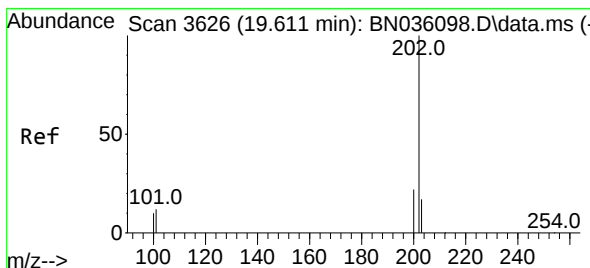
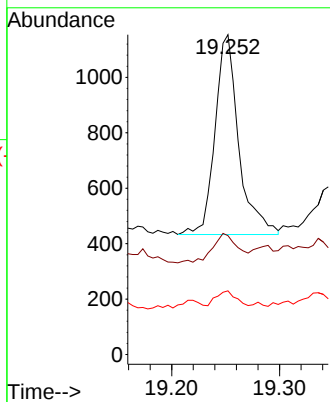
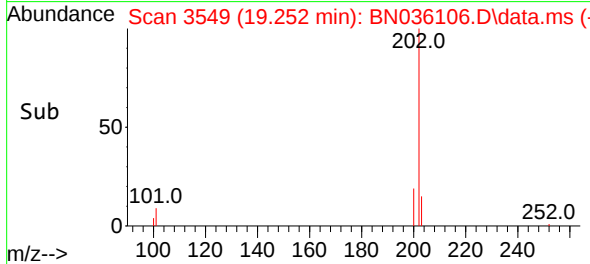
Instrument :
BNA_N
ClientSampleId :
E2963DL



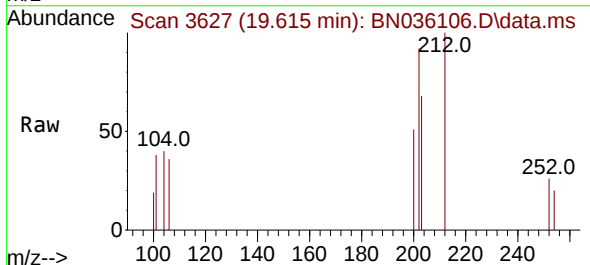
Tgt Ion:202 Resp: 1100
Ion Ratio Lower Upper
202 100
101 37.2 8.4 12.6
100 19.9 6.5 9.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



#20
Pyrene
Concen: 0.042 ng/ul m
RT: 19.615 min Scan# 3627
Delta R.T. 0.005 min
Lab File: BN036106.D
Acq: 29 Jan 2025 11:55



Tgt Ion:202 Resp: 919
Ion Ratio Lower Upper
202 100
101 41.7 9.3 13.9#
100 20.9 7.5 11.3#

