

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036072.D
 Acq On : 28 Jan 2025 14:16
 Operator : RC/JU
 Sample : Q1174-22DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2953DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 28 14:48:33 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	7.812	152	3569	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	8165	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	5450	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	9348	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.382	240	9067	0.400	ng/ul	# 0.01
23) Perylene-d12	23.686	264	8624	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1789	0.458	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	803	0.078	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	1657	0.067	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	396	0.095	ng/ul#	57
5) Naphthalene	10.655	128	9770	0.434	ng/ul	100
7) 2-Methylnaphthalene	12.271	142	2830	0.203	ng/ul	100
8) 1-Methylnaphthalene	12.491	142	6357	0.448	ng/ul	98
11) Acenaphthene	14.511	153	1471	0.078	ng/ul	97
12) Fluorene	15.501	166	1048m	0.050	ng/ul	
14) Pentachlorophenol	16.854	266	75	0.023	ng/ul#	79
19) Fluoranthene	19.253	202	1161	0.034	ng/ul#	56

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

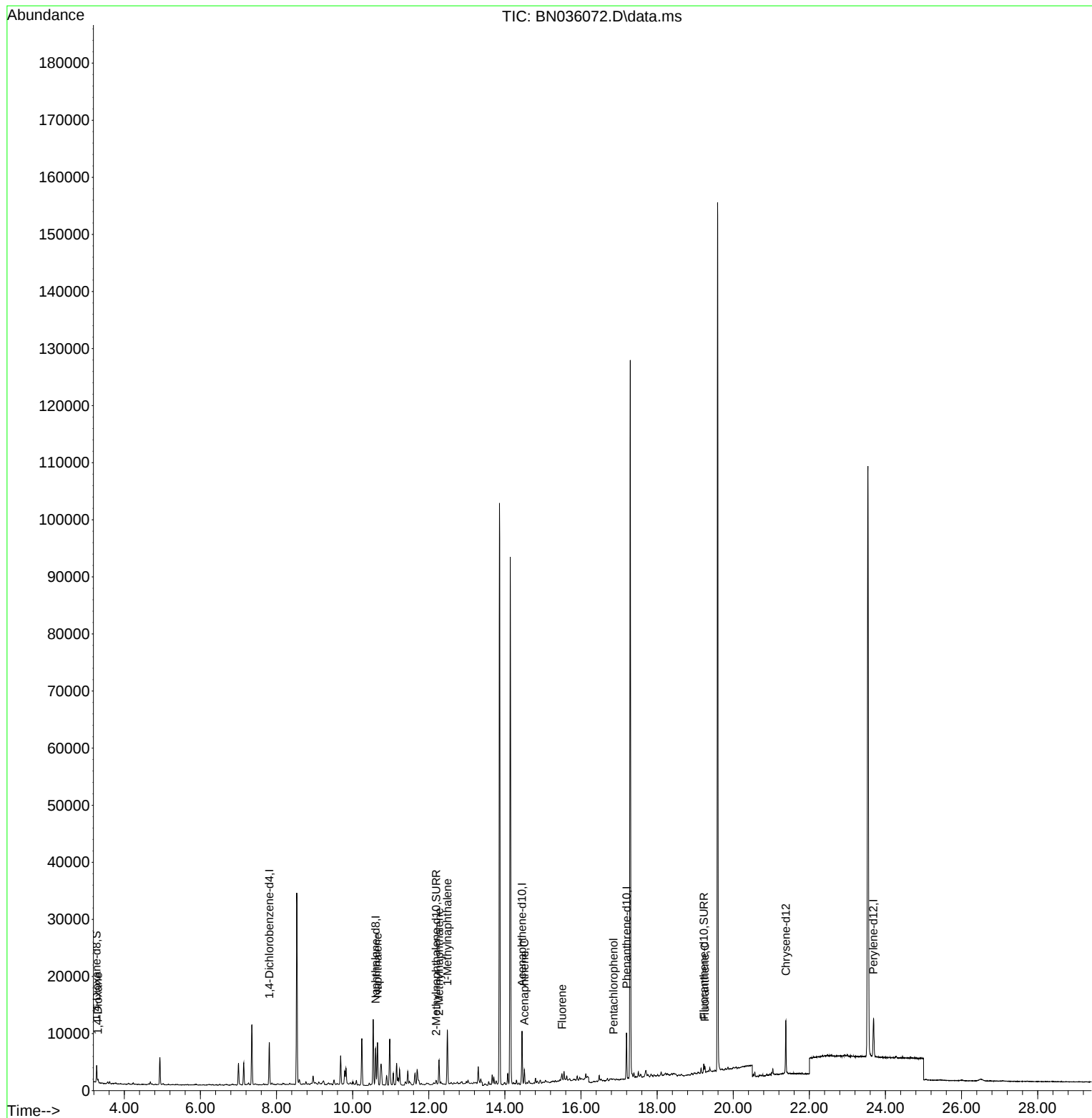
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036072.D
Acq On : 28 Jan 2025 14:16
Operator : RC/JU
Sample : Q1174-22DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

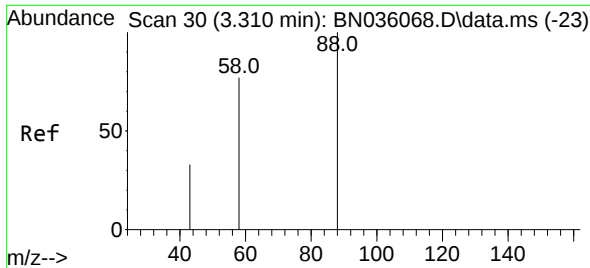
Instrument :
BNA_N
ClientSampleId :
E2953DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

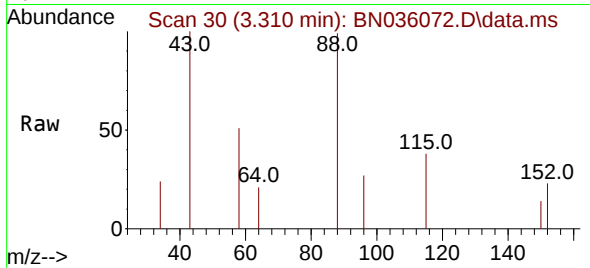
Quant Time: Jan 28 14:48:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.095 ng/ul
RT: 3.310 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN036072.D
Acq: 28 Jan 2025 14:16

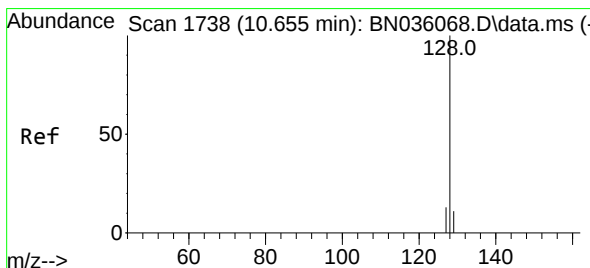
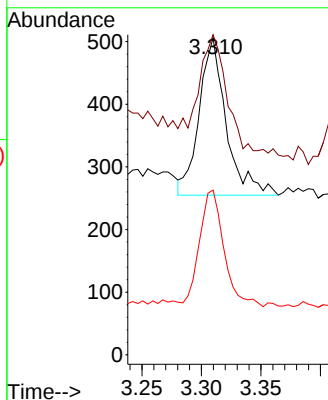
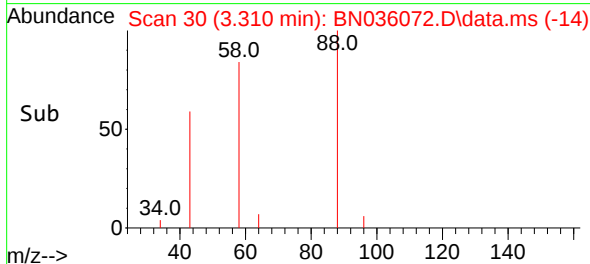
Instrument :
BNA_N
ClientSampleId :
E2953DL



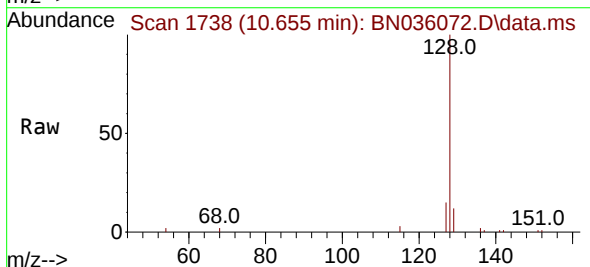
Tgt Ion: 88 Resp: 390
Ion Ratio Lower Upper
88 100
43 101.0 40.7 61.1
58 52.0 55.2 82.8

Manual Integrations
APPROVED

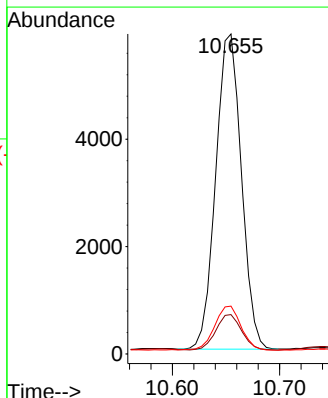
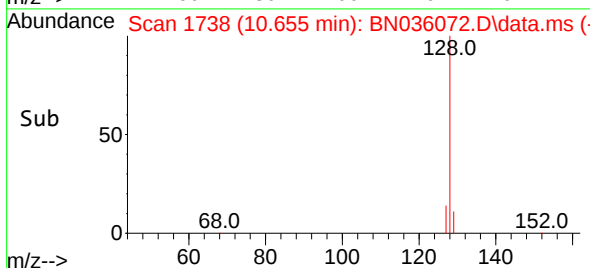
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

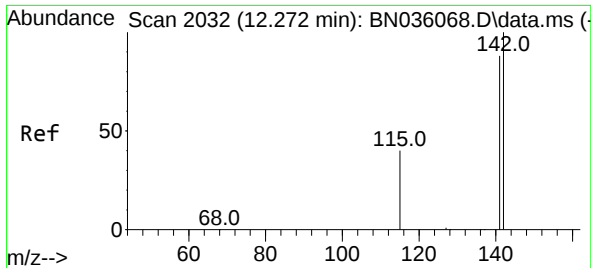


#5
Naphthalene
Concen: 0.434 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036072.D
Acq: 28 Jan 2025 14:16



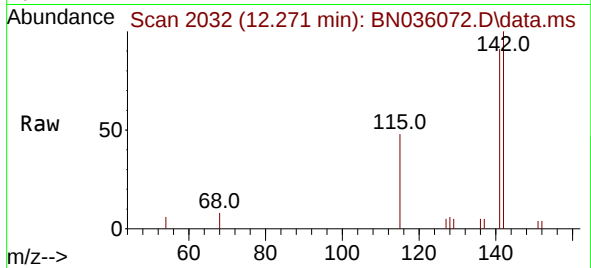
Tgt Ion:128 Resp: 9770
Ion Ratio Lower Upper
128 100
129 12.3 9.6 14.4
127 14.9 12.0 18.0





#7
2-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036072.D
Acq: 28 Jan 2025 14:16

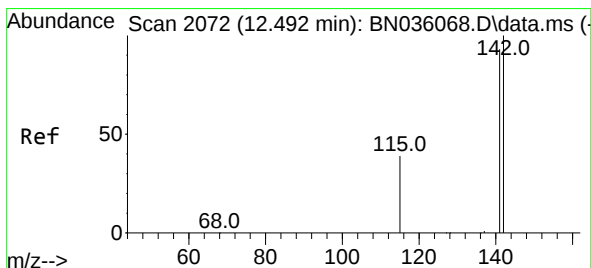
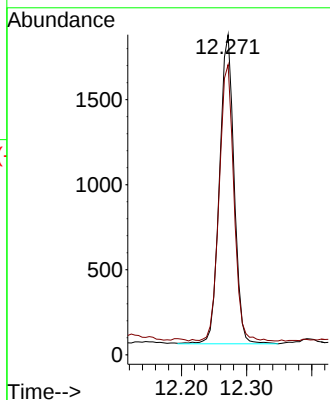
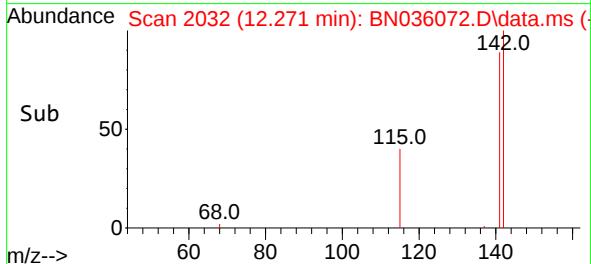
Instrument :
BNA_N
ClientSampleId :
E2953DL



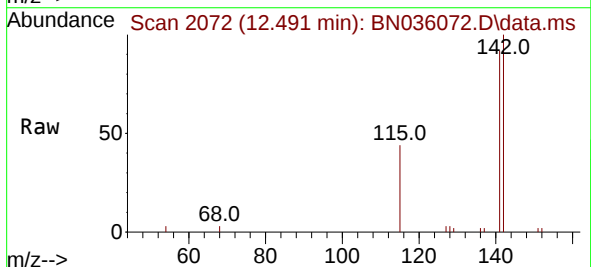
Tgt Ion:142 Resp: 2830
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9

Manual Integrations
APPROVED

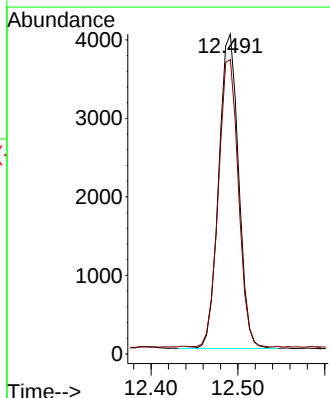
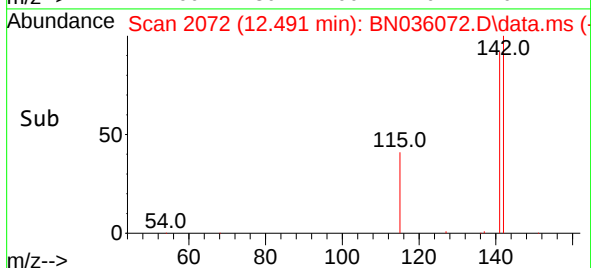
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

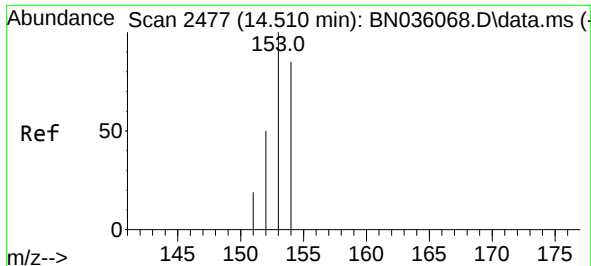


#8
1-Methylnaphthalene
Concen: 0.448 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036072.D
Acq: 28 Jan 2025 14:16



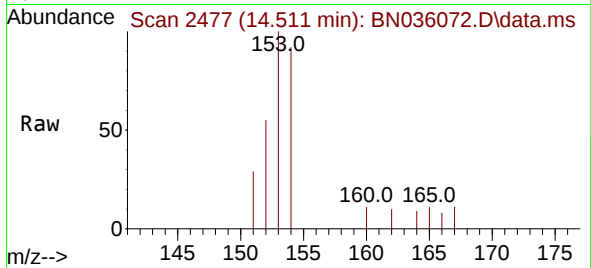
Tgt Ion:142 Resp: 6357
Ion Ratio Lower Upper
142 100
141 91.8 75.2 112.8





#11
Acenaphthene
Concen: 0.078 ng/ul
RT: 14.511 min Scan# 2477
Delta R.T. -0.004 min
Lab File: BN036072.D
Acq: 28 Jan 2025 14:16

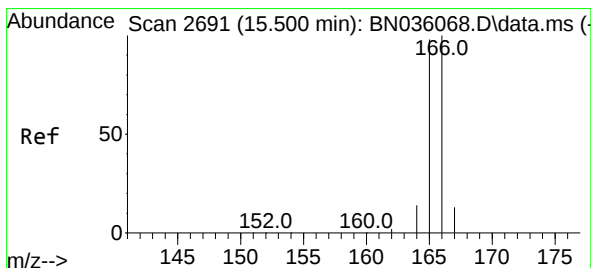
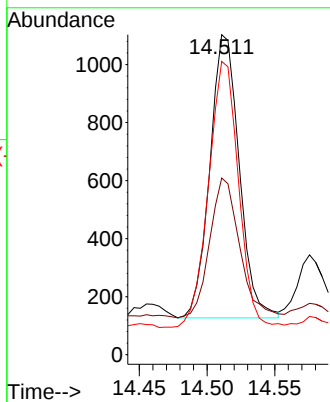
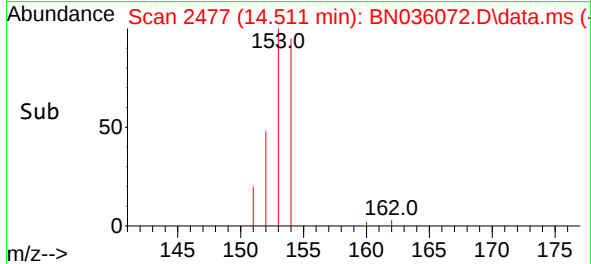
Instrument :
BNA_N
ClientSampleId :
E2953DL



Tgt Ion:153 Resp: 147
Ion Ratio Lower Upper
153 100
152 55.2 43.2 64.8
154 91.7 70.5 105.7

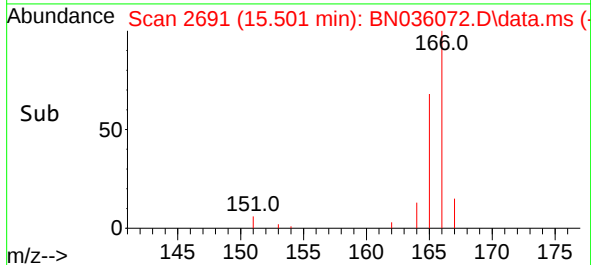
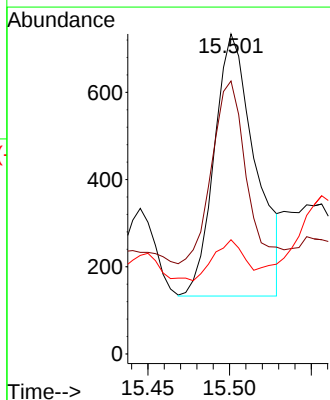
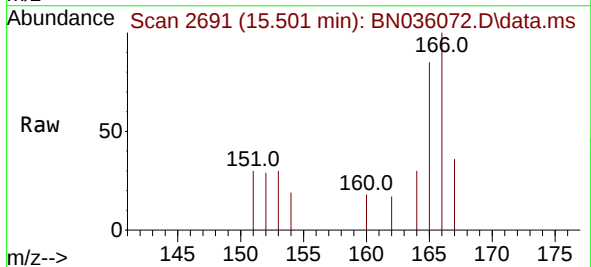
Manual Integrations
APPROVED

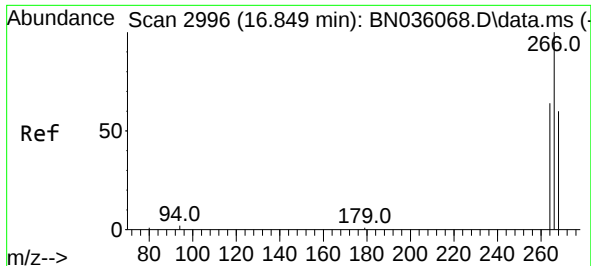
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



#12
Fluorene
Concen: 0.050 ng/ul m
RT: 15.501 min Scan# 2691
Delta R.T. 0.001 min
Lab File: BN036072.D
Acq: 28 Jan 2025 14:16

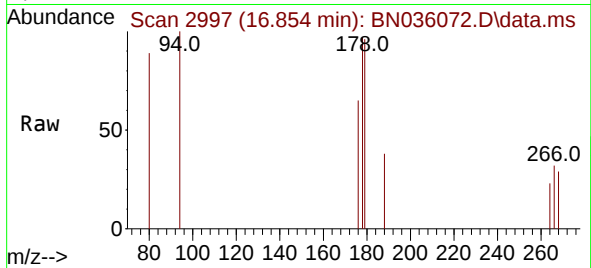
Tgt Ion:166 Resp: 1048
Ion Ratio Lower Upper
166 100
165 85.3 80.3 120.5
167 35.7 12.3 18.5#





#14
 Pentachlorophenol
 Concen: 0.023 ng/ul
 RT: 16.854 min Scan# 2996
 Delta R.T. 0.013 min
 Lab File: BN036072.D
 Acq: 28 Jan 2025 14:16

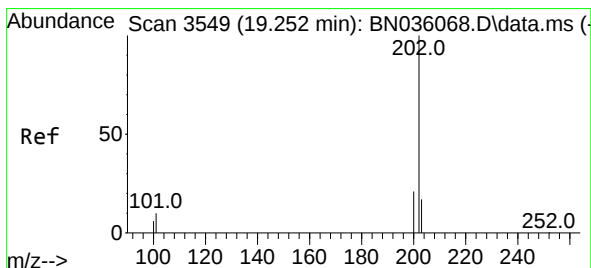
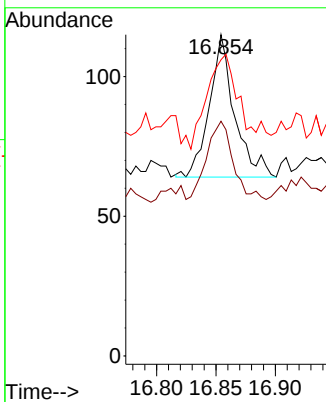
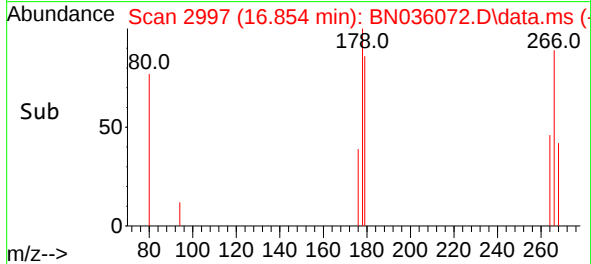
Instrument :
 BNA_N
 ClientSampleId :
 E2953DL



Tgt Ion:266 Resp: 75.8
 Ion Ratio Lower Upper
 266 100
 264 57.3 50.6 75.8
 268 89.3 50.6 75.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :mohammad ahmed 02/04/2025



#19
 Fluoranthene
 Concen: 0.034 ng/ul
 RT: 19.253 min Scan# 3549
 Delta R.T. 0.006 min
 Lab File: BN036072.D
 Acq: 28 Jan 2025 14:16

Tgt Ion:202 Resp: 1161
 Ion Ratio Lower Upper
 202 100
 101 31.2 8.4 12.6#
 100 18.4 6.5 9.7#

