

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036107.D
 Acq On : 29 Jan 2025 12:31
 Operator : RC/JU
 Sample : Q1184-14DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2965DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 13:52:07 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	2681	0.400	ng/ul	0.00
4) Naphthalene-d8	10.610	136	5208m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.454	164	6844	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.191	188	7342	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.380	240	6815	0.400	ng/ul	# 0.00
23) Perylene-d12	23.684	264	6844	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	2743	0.934	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	841m	0.128	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	1743	0.093	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.654	128	556533	38.790	ng/ul	97
7) 2-Methylnaphthalene	12.277	142	13620	1.528	ng/ul	99
8) 1-Methylnaphthalene	12.491	142	13947	1.542	ng/ul#	77
11) Acenaphthene	14.514	153	7197	0.303	ng/ul	95
12) Fluorene	15.500	166	2291	0.087	ng/ul#	89
14) Pentachlorophenol	16.853	266	375	0.146	ng/ul	98
15) Phenanthrene	17.233	178	6931	0.322	ng/ul#	85

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

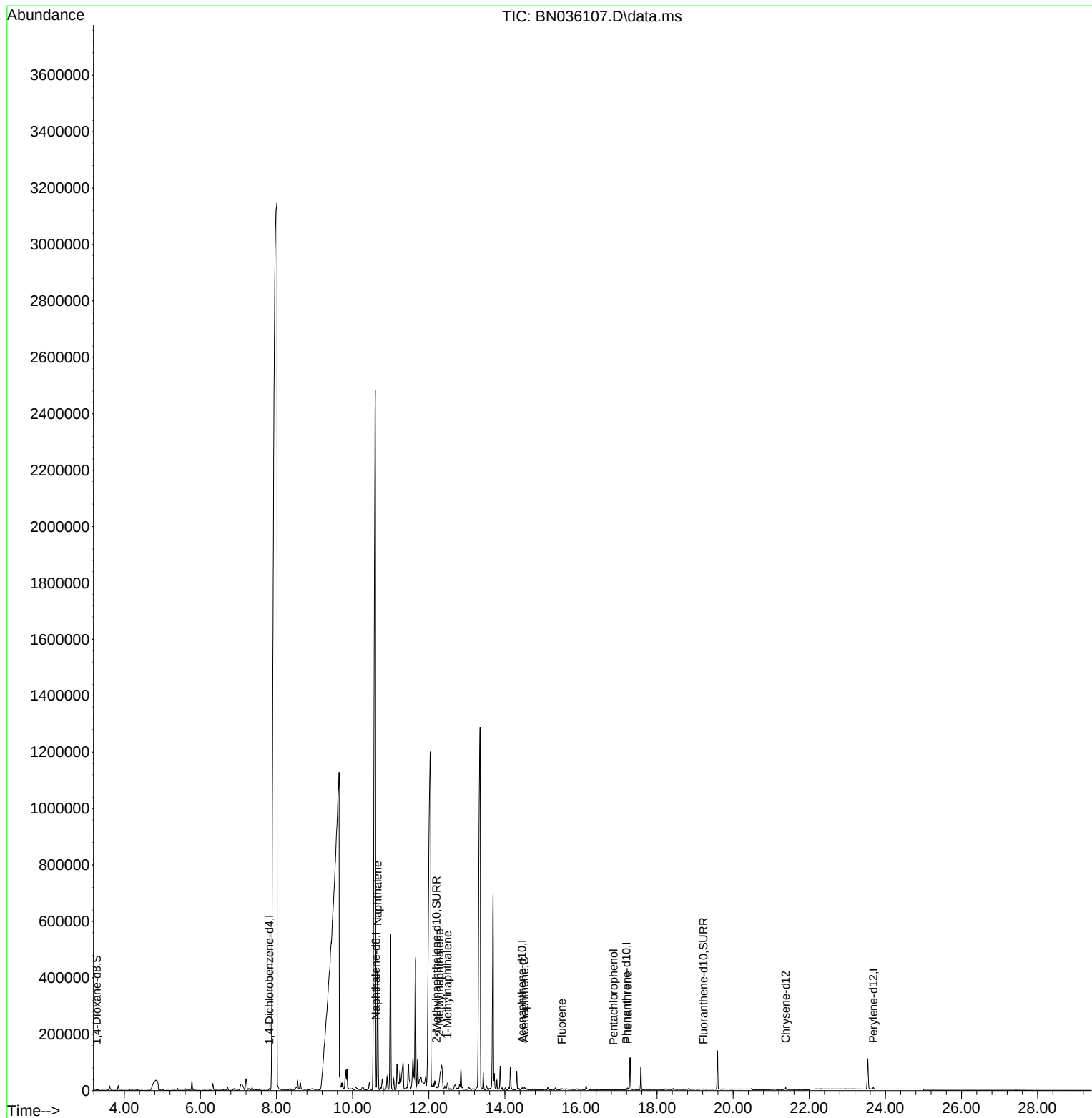
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036107.D
Acq On : 29 Jan 2025 12:31
Operator : RC/JU
Sample : Q1184-14DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

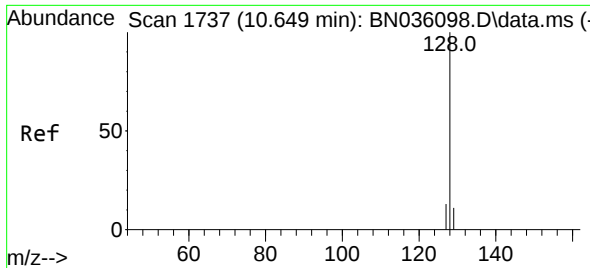
Instrument :
BNA_N
ClientSampleId :
E2965DL

Manual Integrations
APPROVED

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

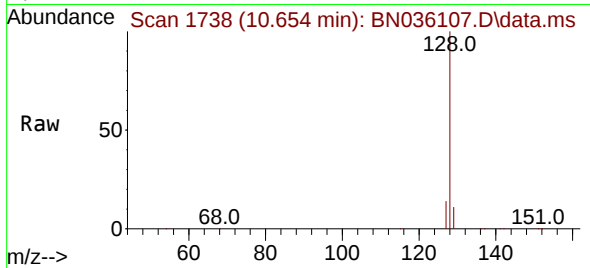
Quant Time: Jan 29 13:52:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 38.790 ng/ul
RT: 10.654 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036107.D
Acq: 29 Jan 2025 12:31

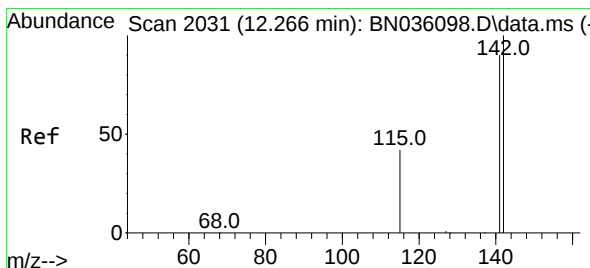
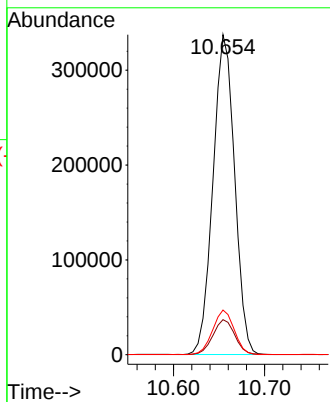
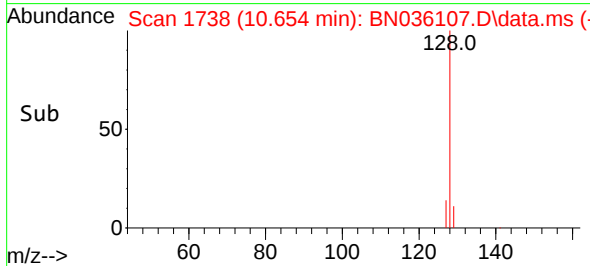
Instrument :
BNA_N
ClientSampleId :
E2965DL



Tgt Ion:128 Resp: 55653
Ion Ratio Lower Upper
128 100
129 11.0 9.6 14.4
127 14.0 12.0 18.0

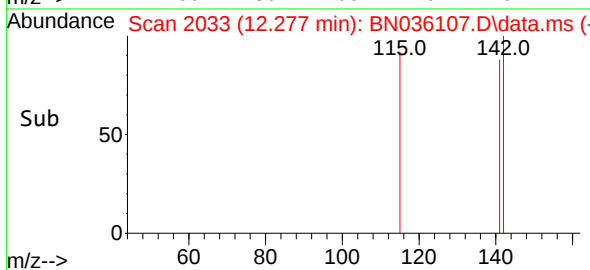
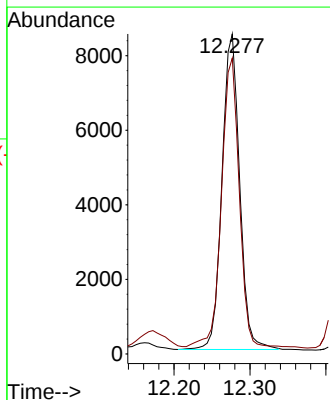
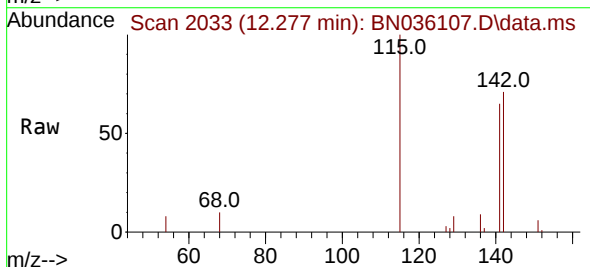
Manual Integrations
APPROVED

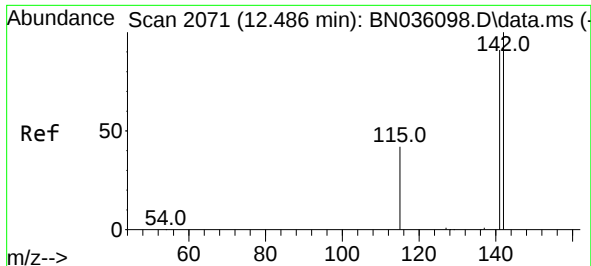
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



#7
2-Methylnaphthalene
Concen: 1.528 ng/ul
RT: 12.277 min Scan# 2033
Delta R.T. 0.005 min
Lab File: BN036107.D
Acq: 29 Jan 2025 12:31

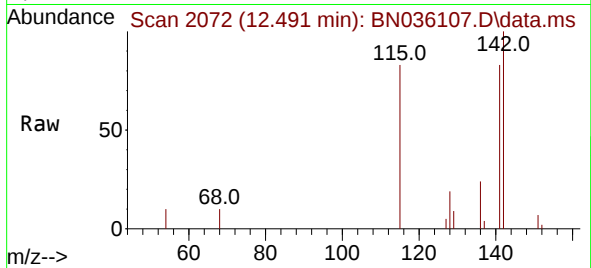
Tgt Ion:142 Resp: 13620
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 1.542 ng/ul
RT: 12.491 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BN036107.D
Acq: 29 Jan 2025 12:31

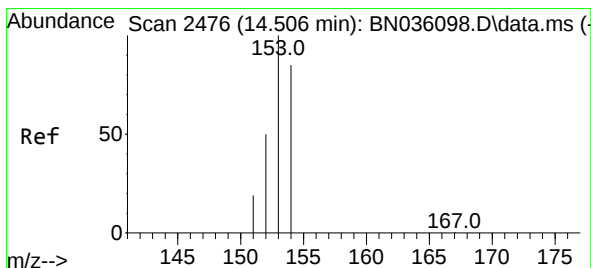
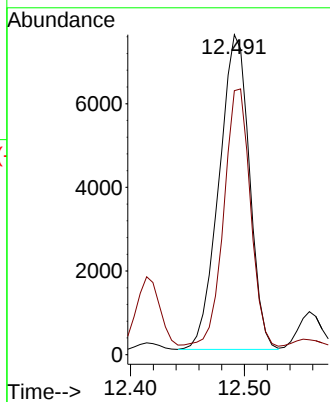
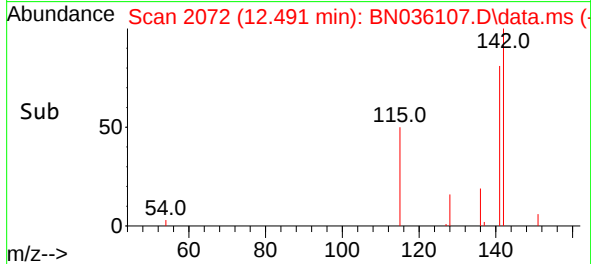
Instrument :
BNA_N
ClientSampleId :
E2965DL



Tgt Ion:142 Resp: 1394
Ion Ratio Lower Upper
142 100
141 71.6 75.2 112.8

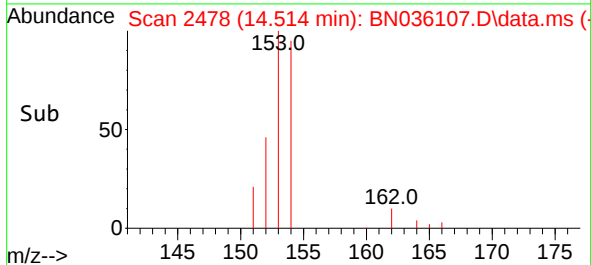
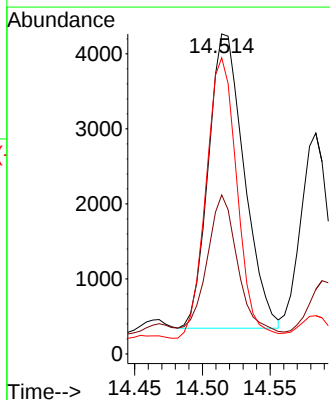
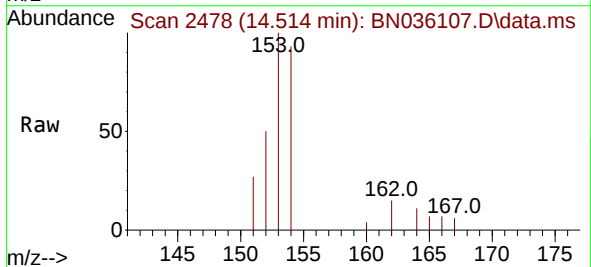
Manual Integrations
APPROVED

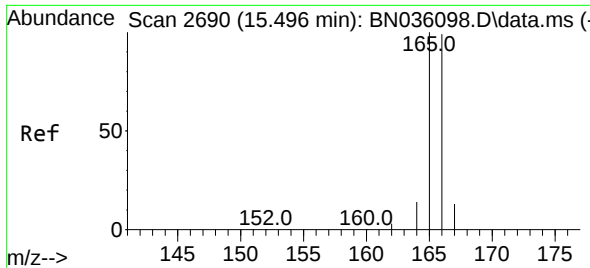
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.514 min Scan# 2478
Delta R.T. -0.000 min
Lab File: BN036107.D
Acq: 29 Jan 2025 12:31

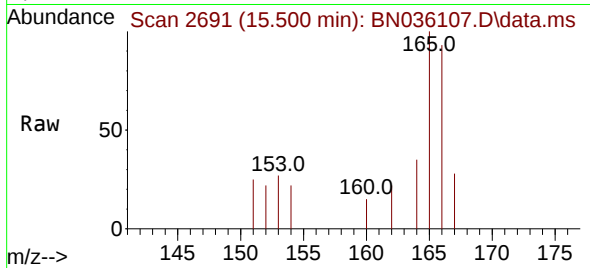
Tgt Ion:153 Resp: 7197
Ion Ratio Lower Upper
153 100
152 49.7 43.2 64.8
154 92.6 70.5 105.7





#12
Fluorene
Concen: 0.087 ng/ul
RT: 15.500 min Scan# 2099
Delta R.T. -0.000 min
Lab File: BN036107.D
Acq: 29 Jan 2025 12:31

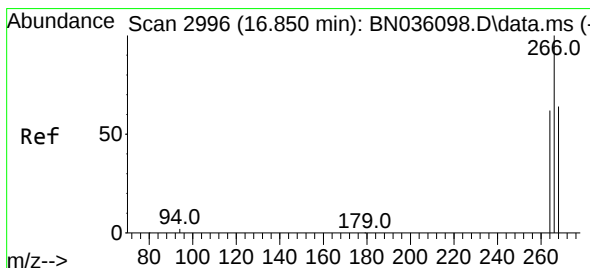
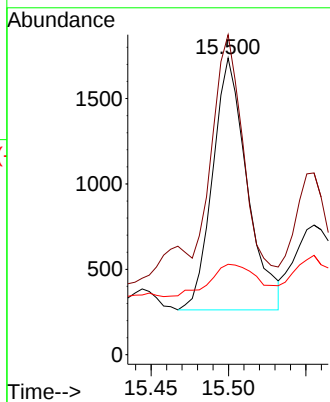
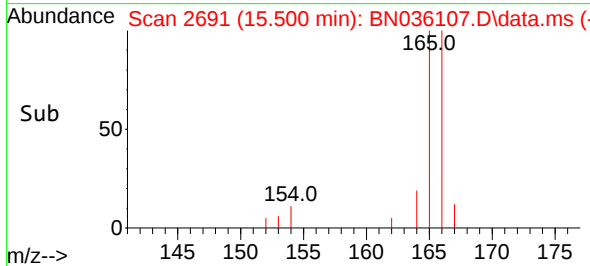
Instrument :
BNA_N
ClientSampleId :
E2965DL



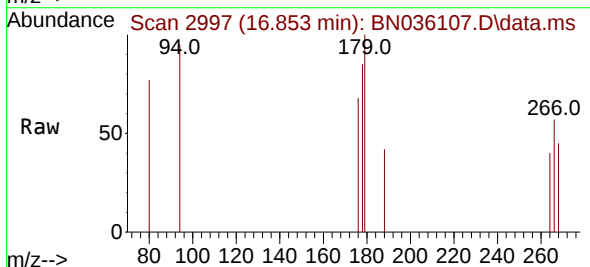
Tgt Ion:166 Resp: 229
Ion Ratio Lower Upper
166 100
165 107.9 80.3 120.5
167 30.5 12.3 18.5

Manual Integrations
APPROVED

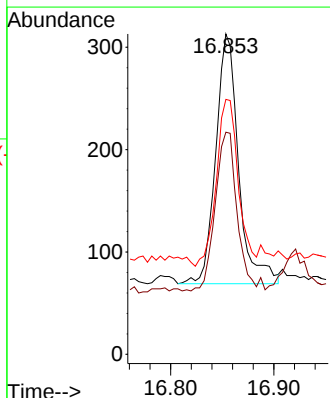
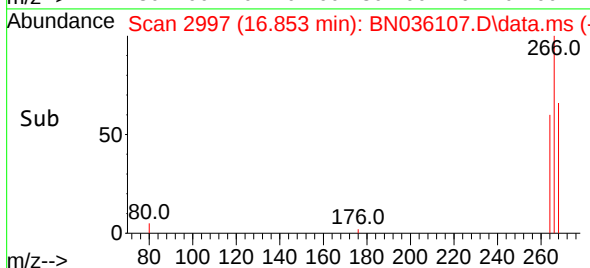
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

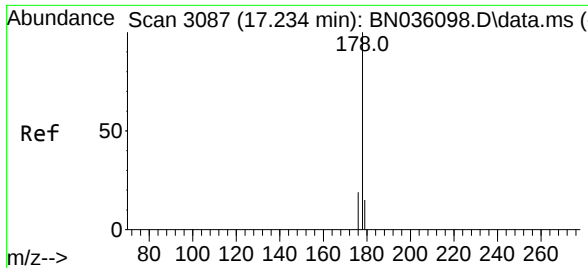


#14
Pentachlorophenol
Concen: 0.146 ng/ul
RT: 16.853 min Scan# 2997
Delta R.T. 0.013 min
Lab File: BN036107.D
Acq: 29 Jan 2025 12:31



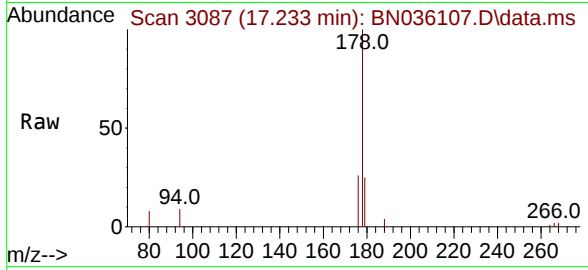
Tgt Ion:266 Resp: 375
Ion Ratio Lower Upper
266 100
264 60.8 50.6 75.8
268 63.7 50.6 75.8





#15
 Phenanthrene
 Concen: 0.322 ng/ul
 RT: 17.233 min Scan# 3087
 Delta R.T. 0.000 min
 Lab File: BN036107.D
 Acq: 29 Jan 2025 12:31

Instrument :
 BNA_N
 ClientSampleId :
 E2965DL



Tgt Ion:	178	Resp:	693
Ion Ratio	Lower	Upper	
178	100		
179	25.1	13.2	19.8
176	26.0	16.8	25.2

Manual Integrations
 APPROVED

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

