

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036071.D
 Acq On : 28 Jan 2025 13:27
 Operator : RC/JU
 Sample : Q1174-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2940

Manual Integrations
 APPROVED

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

Quant Time: Jan 28 14:01:34 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	7.811	152	2574	0.400	ng/ul	0.00
4) Naphthalene-d8	10.603	136	5925	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.449	164	6301	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.195	188	8291m	0.400	ng/ul	0.00
17) Chrysene-d12	21.380	240	6670	0.400	ng/ul	# 0.00
23) Perylene-d12	23.683	264	5745m	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	10869	3.857	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.198	152	2696	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	5860	0.320	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.309	88	7183	2.388	ng/ul	88
5) Naphthalene	10.653	128	12359	0.757	ng/ul#	93
7) 2-Methylnaphthalene	12.270	142	4687	0.462	ng/ul	96
8) 1-Methylnaphthalene	12.490	142	5428	0.527	ng/ul	99
11) Acenaphthene	14.514	153	6613	0.303	ng/ul	96
12) Fluorene	15.499	166	3767	0.156	ng/ul#	83
14) Pentachlorophenol	16.853	266	2008	0.691	ng/ul	100
15) Phenanthrene	17.237	178	8445	0.348	ng/ul#	73

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

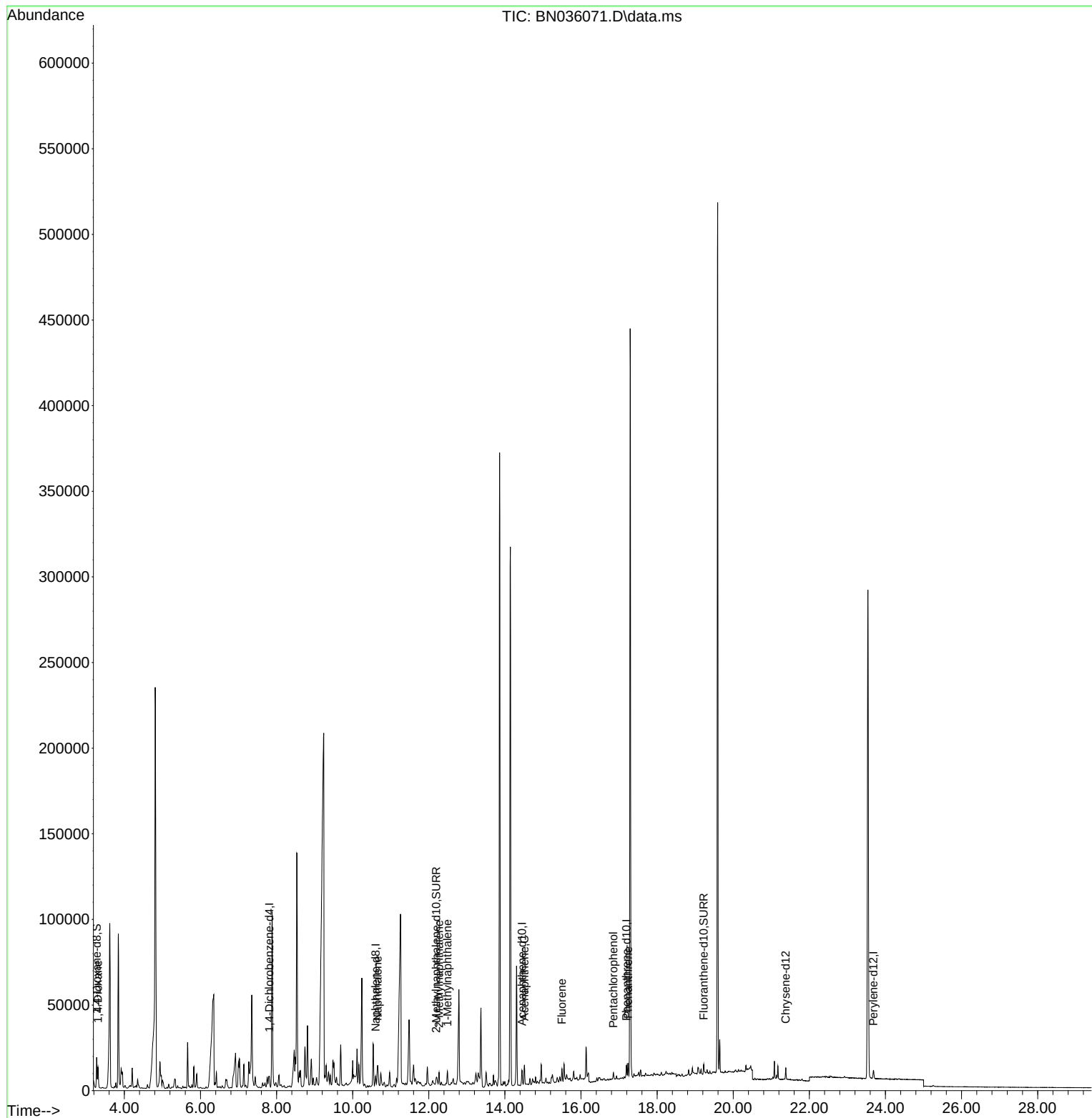
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036071.D
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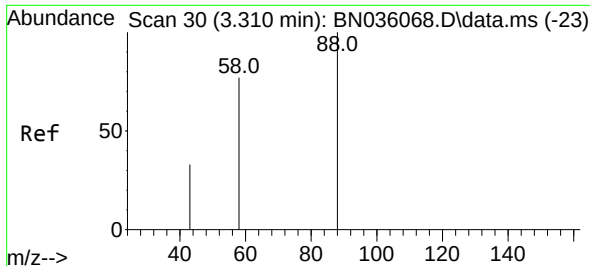
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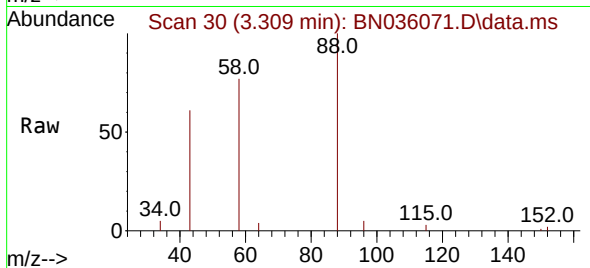
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#2
 1,4-Dioxane
 Concen: 2.388 ng/ul
 RT: 3.309 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BN036071.D
 Acq: 28 Jan 2025 13:27

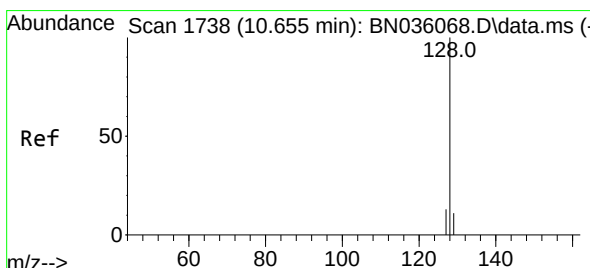
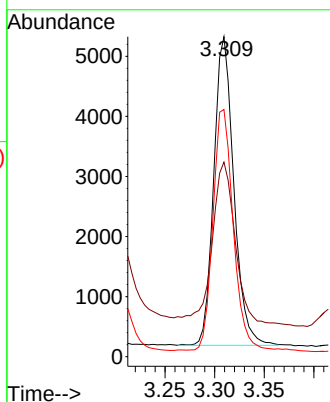
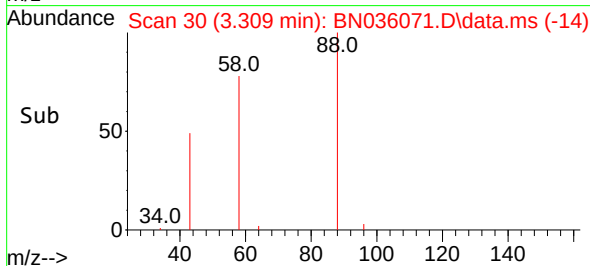
Instrument :
 BNA_N
 ClientSampleId :
 E2940



Tgt Ion: 88 Resp: 718
 Ion Ratio Lower Upper
 88 100
 43 60.8 40.7 61.1
 58 77.2 55.2 82.8

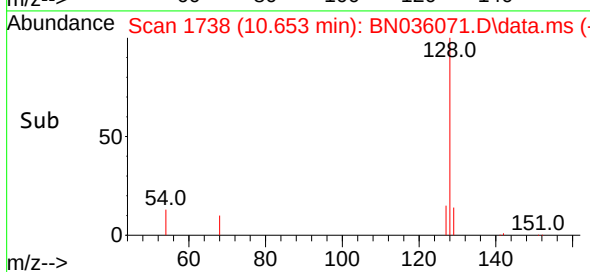
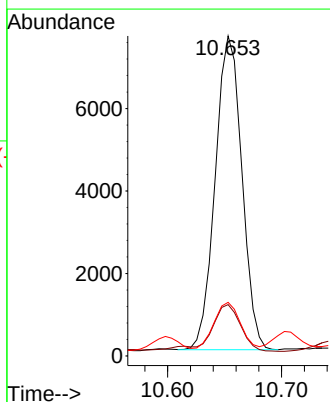
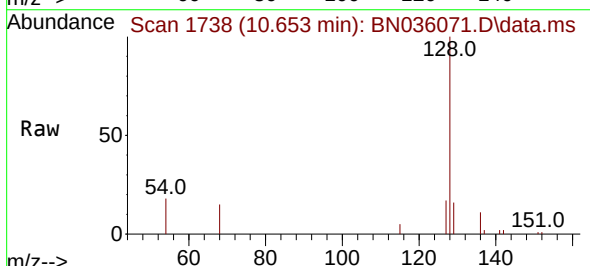
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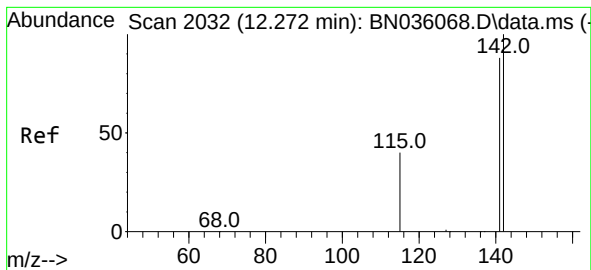
Reviewed By :Yogesh Patel 01/29/2025
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#5
 Naphthalene
 Concen: 0.757 ng/ul
 RT: 10.653 min Scan# 1738
 Delta R.T. -0.002 min
 Lab File: BN036071.D
 Acq: 28 Jan 2025 13:27

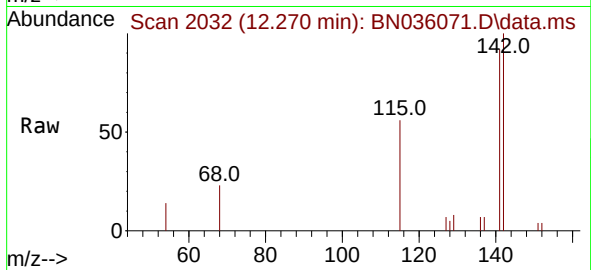
Tgt Ion:128 Resp: 12359
 Ion Ratio Lower Upper
 128 100
 129 16.1 9.6 14.4#
 127 16.8 12.0 18.0





#7
2-Methylnaphthalene
Concen: 0.462 ng/ul
RT: 12.270 min Scan# 2032
Delta R.T. -0.002 min
Lab File: BN036071.D
Acq: 28 Jan 2025 13:27

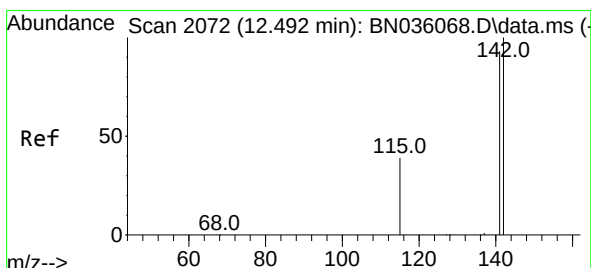
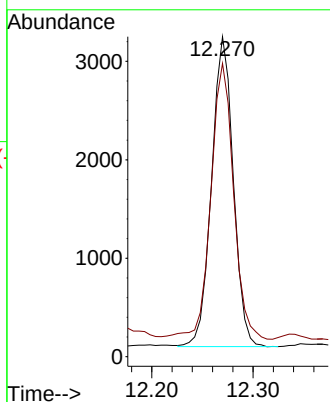
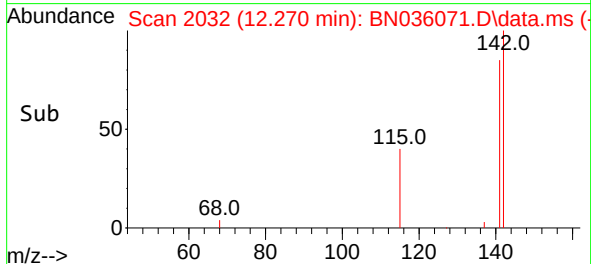
Instrument :
BNA_N
ClientSampleId :
E2940



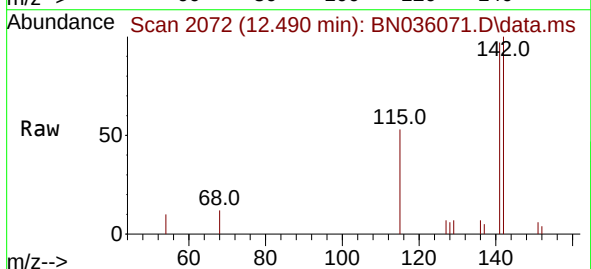
Tgt Ion:142 Resp: 468
Ion Ratio Lower Upper
142 100
141 93.6 71.9 107.9

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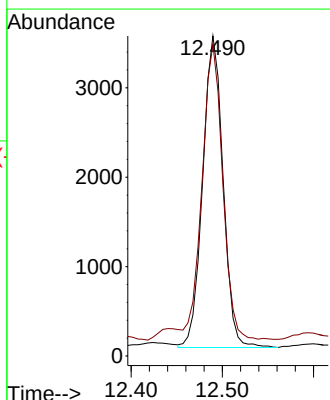
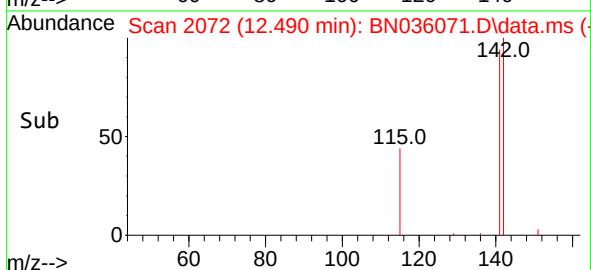
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/04/2025

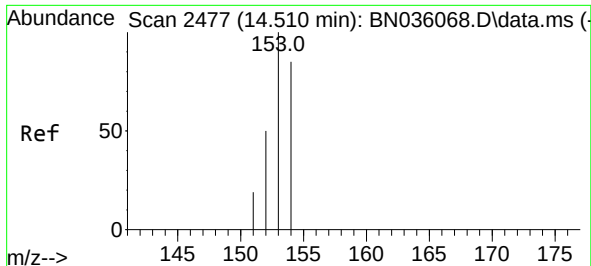


#8
1-Methylnaphthalene
Concen: 0.527 ng/ul
RT: 12.490 min Scan# 2072
Delta R.T. -0.002 min
Lab File: BN036071.D
Acq: 28 Jan 2025 13:27



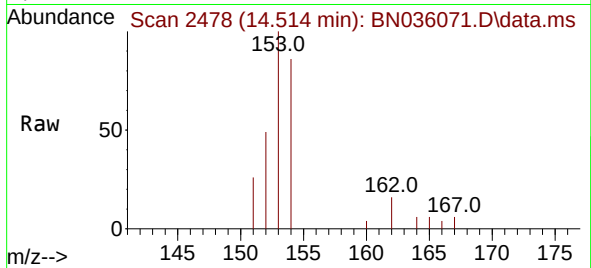
Tgt Ion:142 Resp: 5428
Ion Ratio Lower Upper
142 100
141 95.4 75.2 112.8





#11
Acenaphthene
Concen: 0.303 ng/u1
RT: 14.514 min Scan# 2478
Delta R.T. -0.001 min
Lab File: BN036071.D
Acq: 28 Jan 2025 13:27

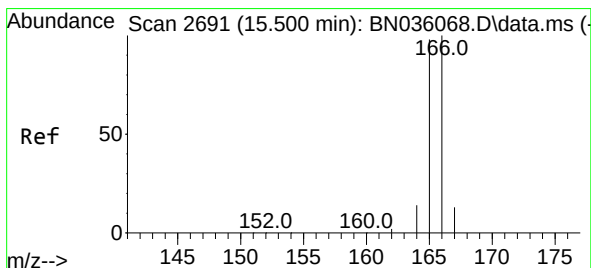
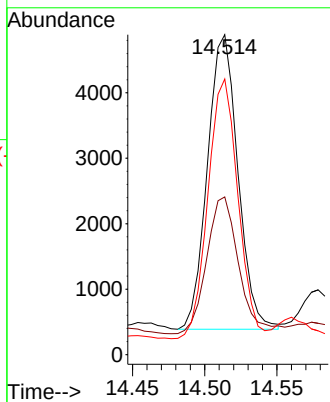
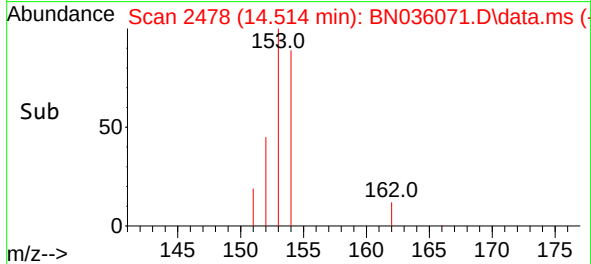
Instrument :
BNA_N
ClientSampleId :
E2940



Tgt Ion:153 Resp: 661
Ion Ratio Lower Upper
153 100
152 49.3 43.2 64.8
154 86.1 70.5 105.7

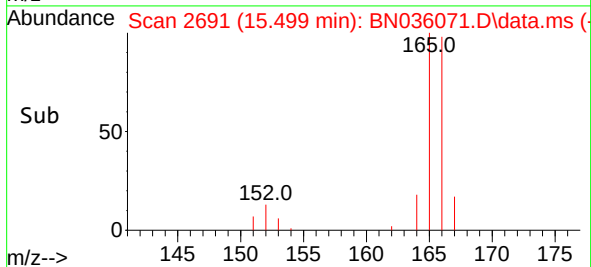
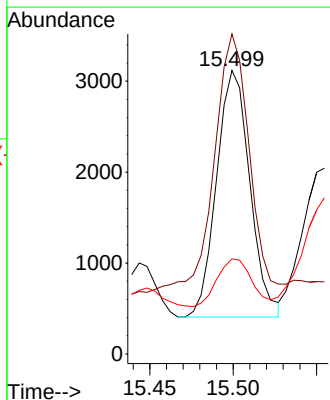
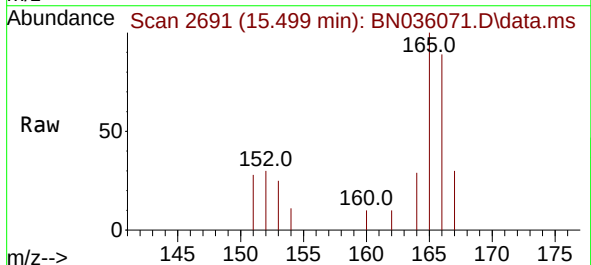
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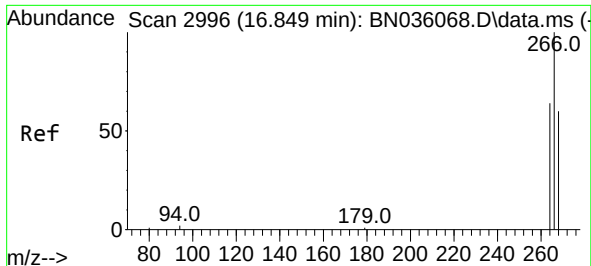
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :mohammad ahmed 02/04/2025



#12
Fluorene
Concen: 0.156 ng/u1
RT: 15.499 min Scan# 2691
Delta R.T. -0.001 min
Lab File: BN036071.D
Acq: 28 Jan 2025 13:27

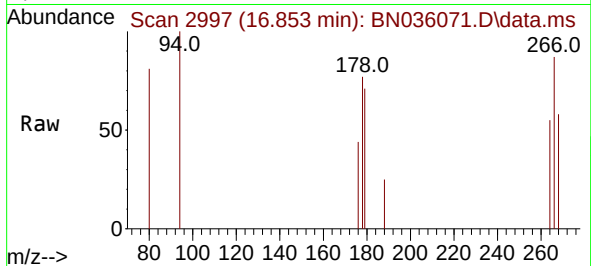
Tgt Ion:166 Resp: 3767
Ion Ratio Lower Upper
166 100
165 112.9 80.3 120.5
167 33.5 12.3 18.5#





#14
 Pentachlorophenol
 Concen: 0.691 ng/uI
 RT: 16.853 min Scan# 2996
 Delta R.T. 0.012 min
 Lab File: BN036071.D
 Acq: 28 Jan 2025 13:27

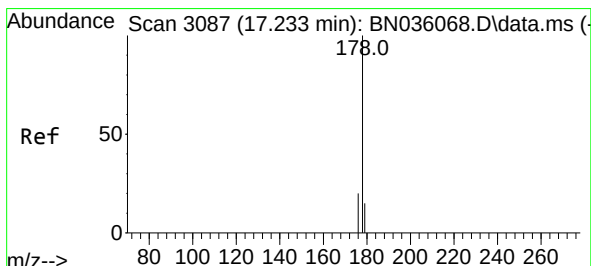
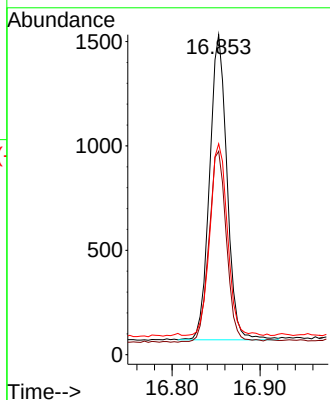
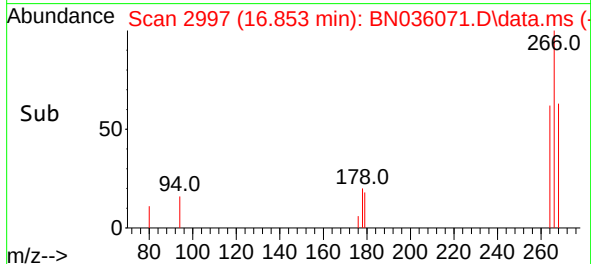
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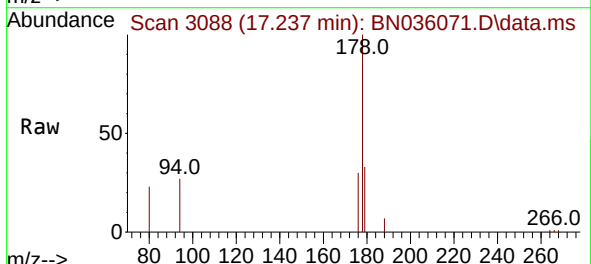
Tgt Ion:266 Resp: 2008
 Ion Ratio Lower Upper
 266 100
 264 63.1 50.6 75.8
 268 63.3 50.6 75.8

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



#15
 Phenanthrene
 Concen: 0.348 ng/uI
 RT: 17.237 min Scan# 3088
 Delta R.T. 0.004 min
 Lab File: BN036071.D
 Acq: 28 Jan 2025 13:27



Tgt Ion:178 Resp: 8445
 Ion Ratio Lower Upper
 178 100
 179 33.0 13.2 19.8#
 176 29.8 16.8 25.2#

