

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036064.D
 Acq On : 28 Jan 2025 08:14
 Operator : RC/JU
 Sample : Q1174-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2940

Manual Integrations
 APPROVED

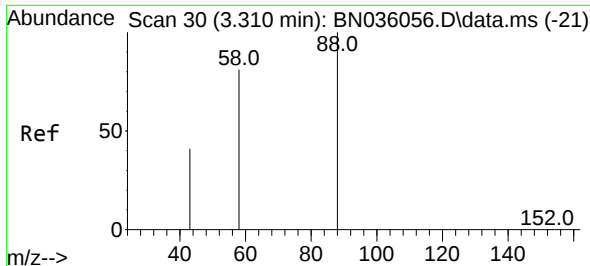
Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 28 09:47:19 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)

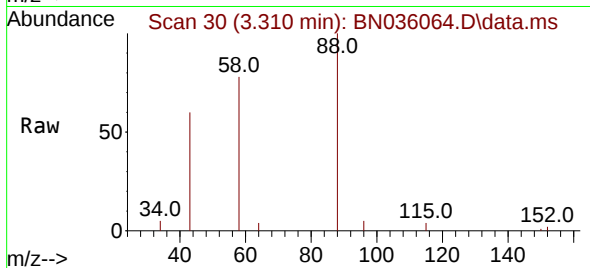
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	3010	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	6562	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.450	164	6488	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.195	188	8596m	0.400	ng/ul	0.00
17) Chrysene-d12	21.378	240	8168	0.400	ng/ul	# 0.00
23) Perylene-d12	23.681	264	8251m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	12500	3.793	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	2634	0.318	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	5674	0.253	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	7171	2.038	ng/ul	88
5) Naphthalene	10.655	128	12061	0.667	ng/ul#	92
7) 2-Methylnaphthalene	12.271	142	4546	0.405	ng/ul	95
8) 1-Methylnaphthalene	12.491	142	5236	0.459	ng/ul	94
11) Acenaphthene	14.510	153	6401	0.284	ng/ul	96
12) Fluorene	15.500	166	3562	0.143	ng/ul#	83
14) Pentachlorophenol	16.853	266	1894	0.629	ng/ul	98
15) Phenanthrene	17.233	178	7807	0.310	ng/ul#	69

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



#2
1,4-Dioxane
Concen: 2.038 ng/ul
RT: 3.310 min Scan# 30
Delta R.T. -0.004 min
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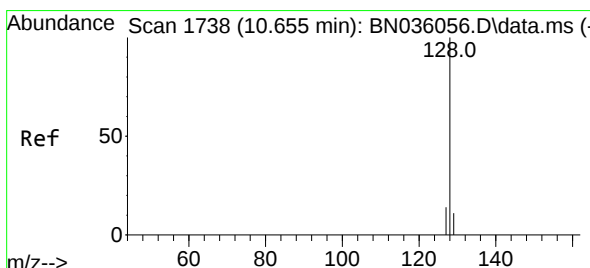
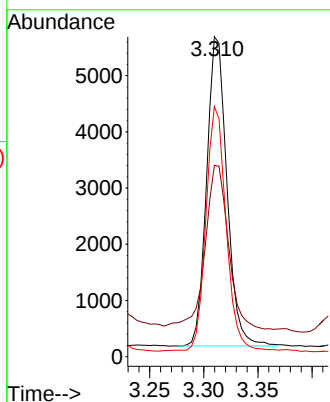
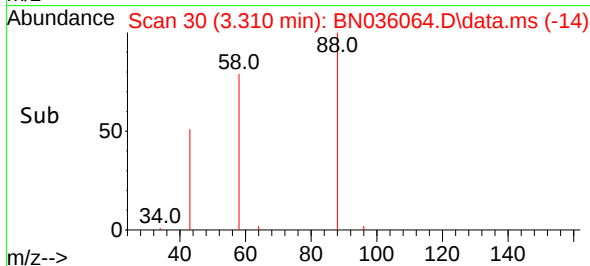
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Tgt Ion: 88 Resp: 717
Ion Ratio Lower Upper
88 100
43 59.8 40.7 61.1
58 78.1 55.2 82.8

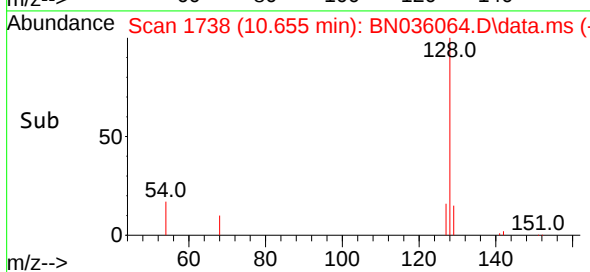
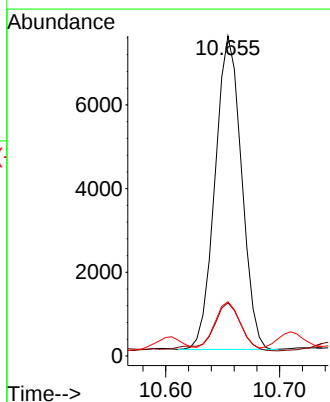
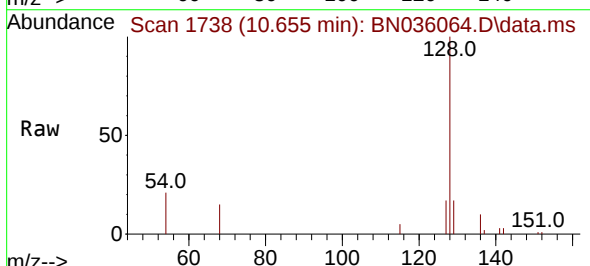
Manual Integrations
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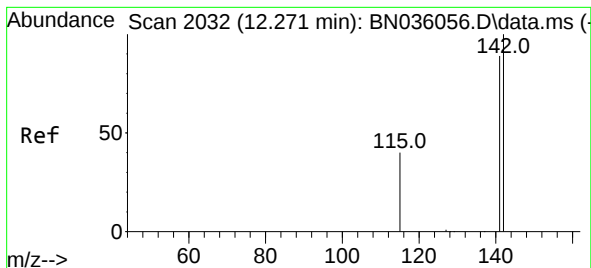
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025



#5
Naphthalene
Concen: 0.667 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036064.D
Acq: 28 Jan 2025 08:14

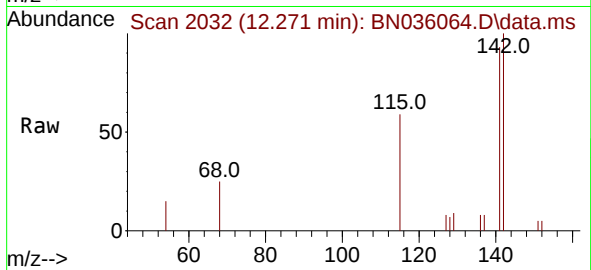
Tgt Ion:128 Resp: 12061
Ion Ratio Lower Upper
128 100
129 16.6 9.6 14.4#
127 17.0 12.0 18.0





#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036064.D
Acq: 28 Jan 2025 08:14

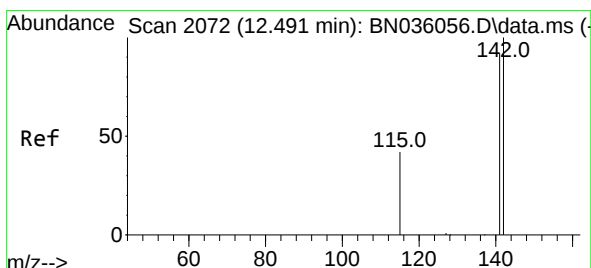
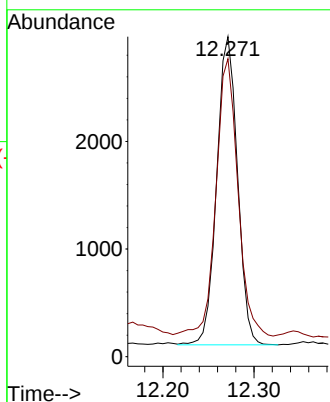
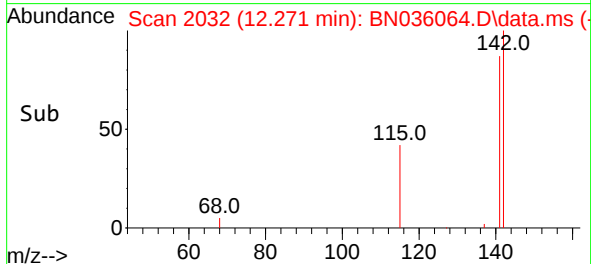
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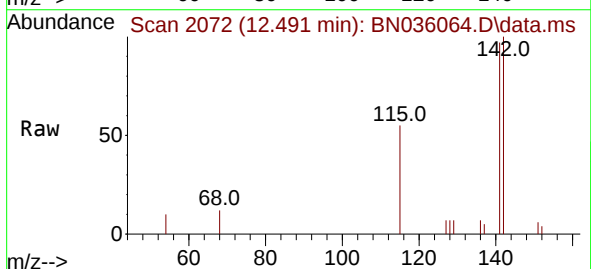
Tgt Ion:142 Resp: 4540
Ion Ratio Lower Upper
142 100
141 94.6 71.9 107.9

Manual Integrations
APPROVED

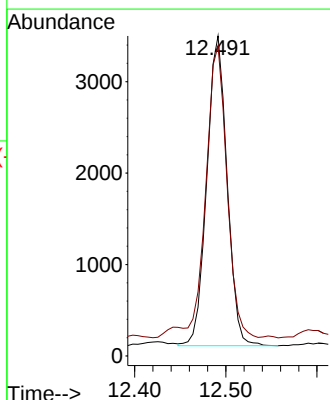
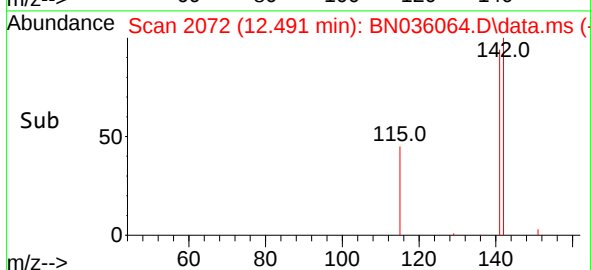
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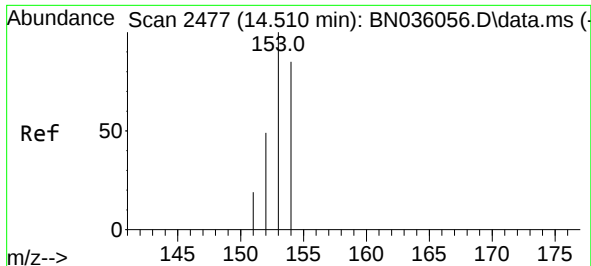


#8
1-Methylnaphthalene
Concen: 0.459 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036064.D
Acq: 28 Jan 2025 08:14



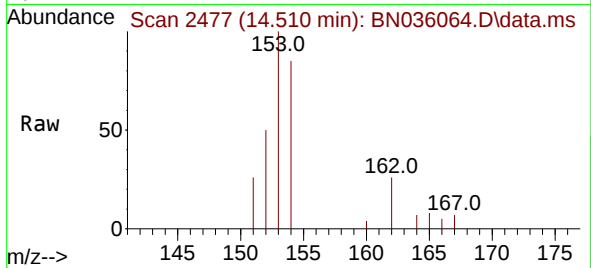
Tgt Ion:142 Resp: 5236
Ion Ratio Lower Upper
142 100
141 99.5 75.2 112.8





#11
Acenaphthene
Concen: 0.284 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036064.D
Acq: 28 Jan 2025 08:14

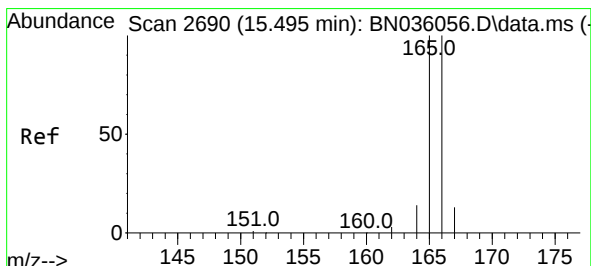
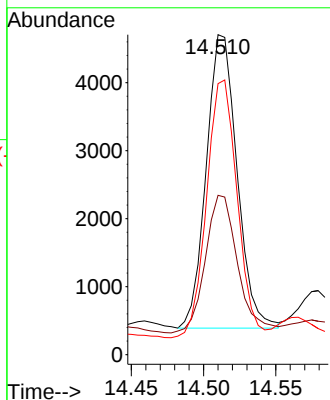
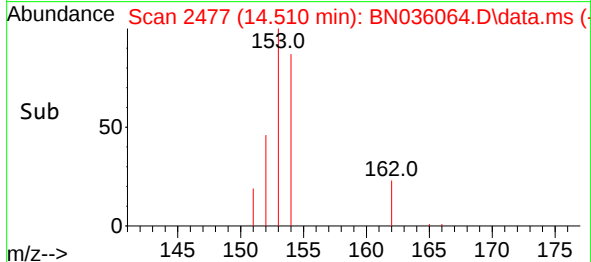
Instrument :
BNA_N
ClientSampleId :
E2940



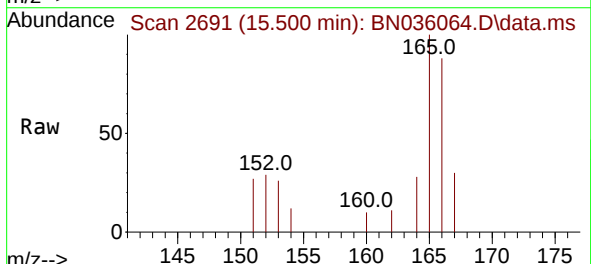
Tgt Ion:153 Resp: 640
Ion Ratio Lower Upper
153 100
152 49.8 43.2 64.8
154 84.7 70.5 105.7

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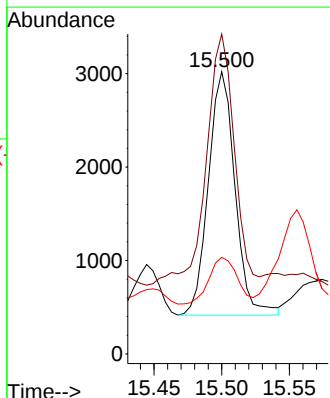
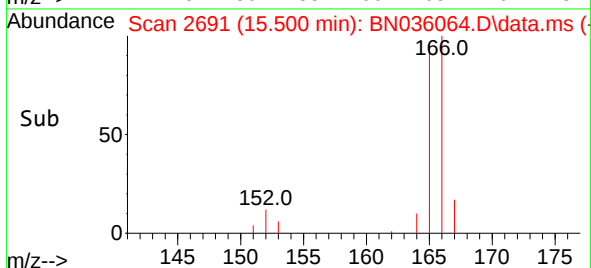
Reviewed By :Jagrut Upadhyay 01/28/2025
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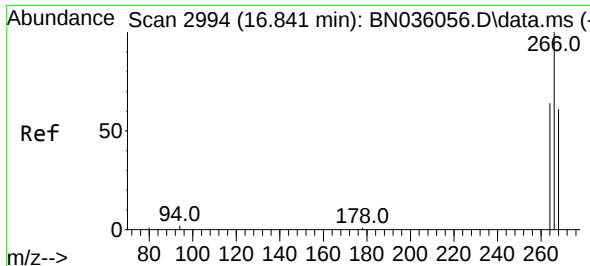


#12
Fluorene
Concen: 0.143 ng/ul
RT: 15.500 min Scan# 2691
Delta R.T. -0.000 min
Lab File: BN036064.D
Acq: 28 Jan 2025 08:14



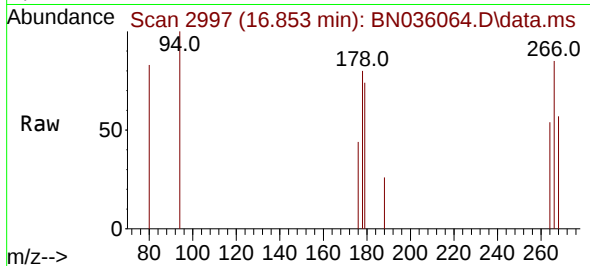
Tgt Ion:166 Resp: 3562
Ion Ratio Lower Upper
166 100
165 113.4 80.3 120.5
167 34.2 12.3 18.5





#14
Pentachlorophenol
Concen: 0.629 ng/ul
RT: 16.853 min Scan# 2997
Delta R.T. 0.013 min
Lab File: BN036064.D
Acq: 28 Jan 2025 08:14

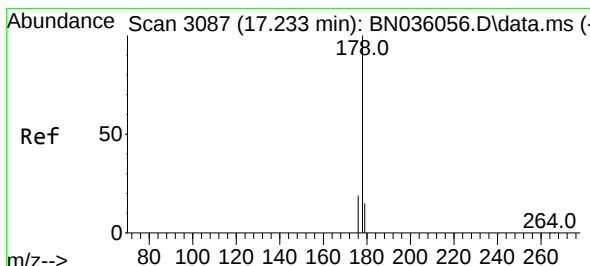
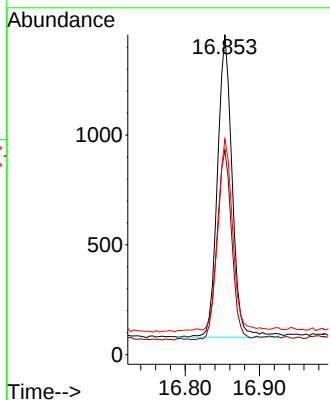
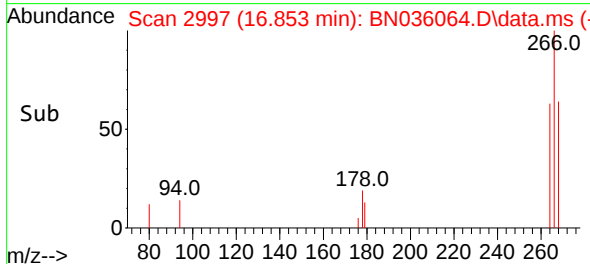
Instrument :
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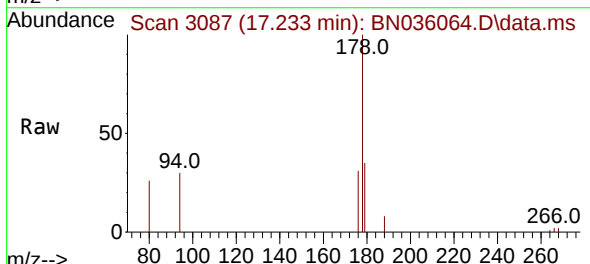
Tgt Ion:266 Resp: 1894
Ion Ratio Lower Upper
266 100
264 61.8 50.6 75.8
268 65.0 50.6 75.8

Manual Integrations
APPROVED

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#15
Phenanthrene
Concen: 0.310 ng/ul
RT: 17.233 min Scan# 3087
Delta R.T. -0.000 min
Lab File: BN036064.D
Acq: 28 Jan 2025 08:14



Tgt Ion:178 Resp: 7807
Ion Ratio Lower Upper
178 100
179 34.8 13.2 19.8#
176 31.2 16.8 25.2#

