

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012025\
 Data File : BN035994.D
 Acq On : 20 Jan 2025 12:15
 Operator : RC/JU
 Sample : Q1112-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2

Quant Time: Jan 20 13:03:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/21/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	2303	0.400	ng	-0.02
7) Naphthalene-d8	10.611	136	4632	0.400	ng	-0.01
13) Acenaphthene-d10	14.452	164	2756	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	6604	0.400	ng	#-0.02
29) Chrysene-d12	21.367	240	5182	0.400	ng	#-0.02
35) Perylene-d12	23.666	264	5466	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	860	0.152	ng	-0.01
5) Phenol-d6	6.972	99	618	0.088	ng	-0.01
8) Nitrobenzene-d5	8.956	82	1792m	0.489	ng	-0.03
11) 2-Methylnaphthalene-d10	12.198	152	2611	0.421	ng	-0.02
14) 2,4,6-Tribromophenol	15.933	330	472	0.357	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	4128	0.341	ng	-0.02
27) Fluoranthene-d10	19.216	212	6649	0.406	ng	-0.02
31) Terphenyl-d14	19.815	244	5127	0.497	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	390	0.170	ng	# 77
24) Pentachlorophenol	16.839	266	144	0.066	ng	94
34) Bis(2-ethylhexyl)phtha...	21.295	149	7934	1.067	ng	97

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

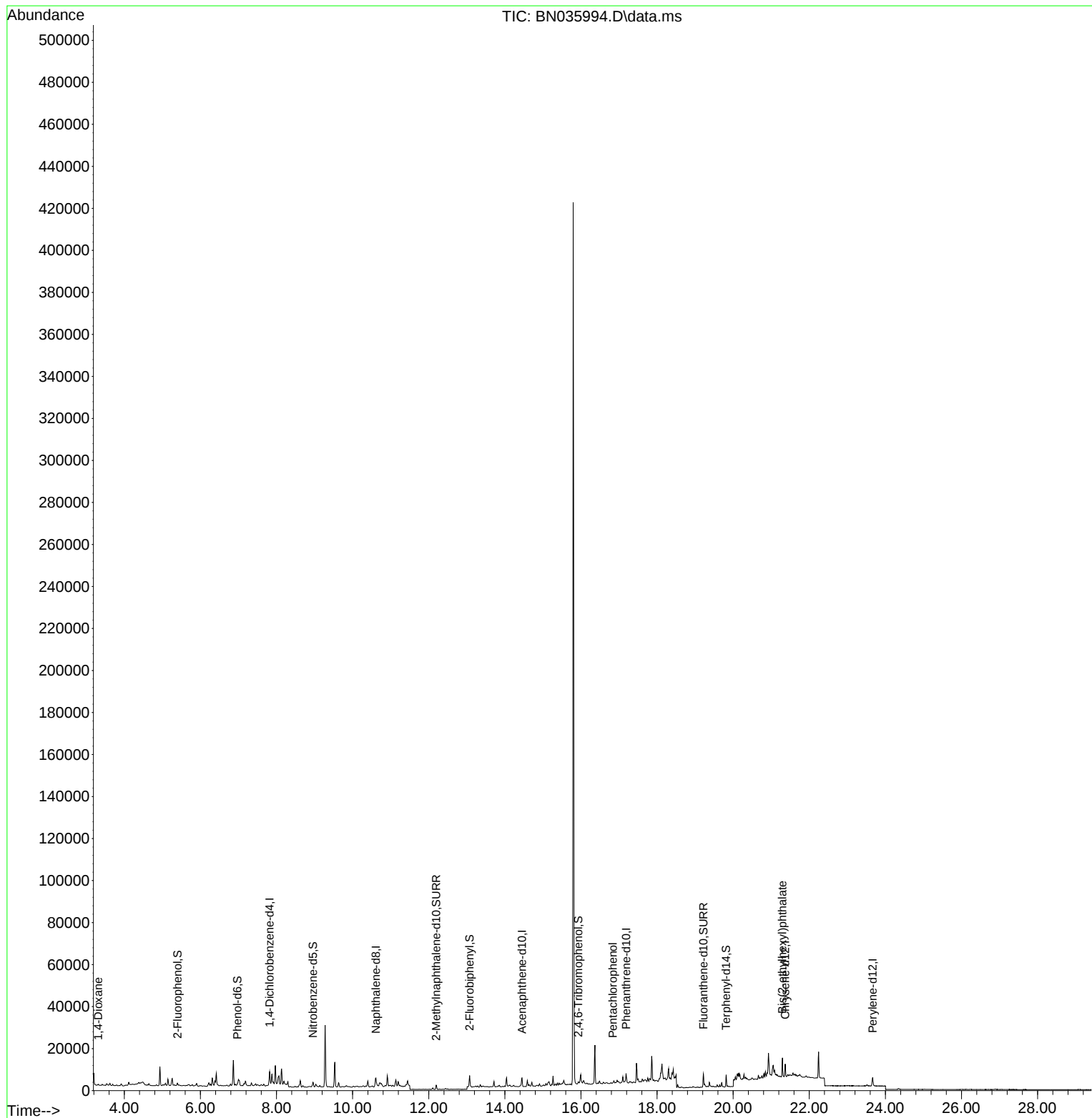
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012025\
Data File : BN035994.D
Acq On : 20 Jan 2025 12:15
Operator : RC/JU
Sample : Q1112-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

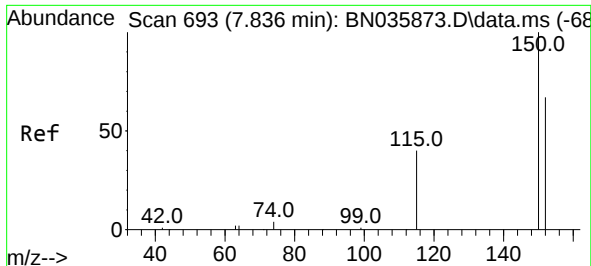
Instrument :
BNA_N
ClientSampleId :
TOWER-2

Quant Time: Jan 20 13:03:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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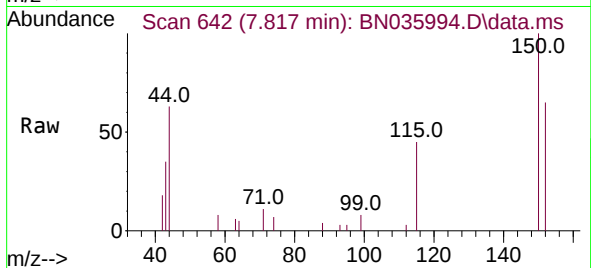
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.817 min Scan# 64
 Delta R.T. -0.019 min
 Lab File: BN035994.D
 Acq: 20 Jan 2025 12:15

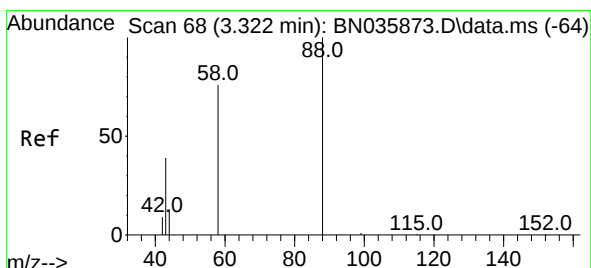
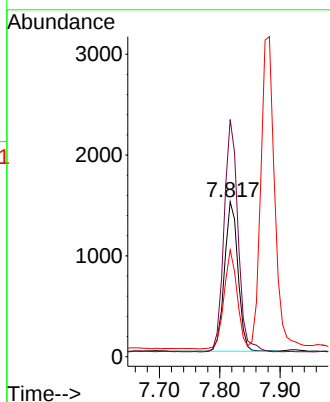
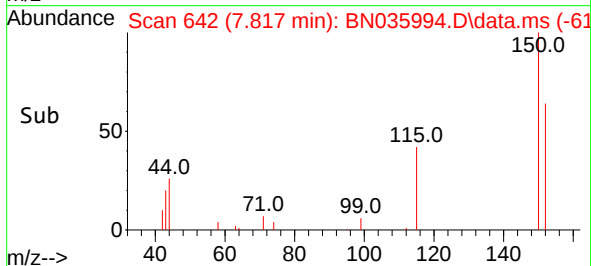
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2



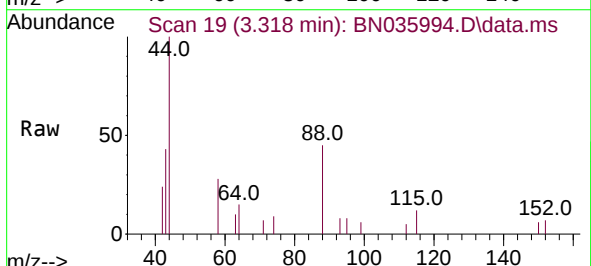
Tgt Ion:152 Resp: 230
 Ion Ratio Lower Upper
 152 100
 150 153.1 117.8 176.6
 115 68.9 51.0 76.4

Manual Integrations
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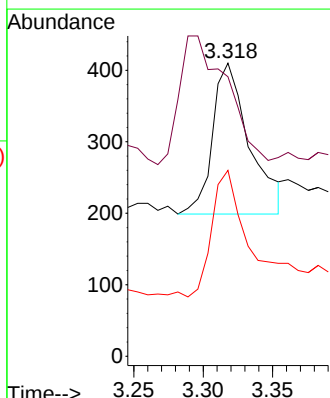
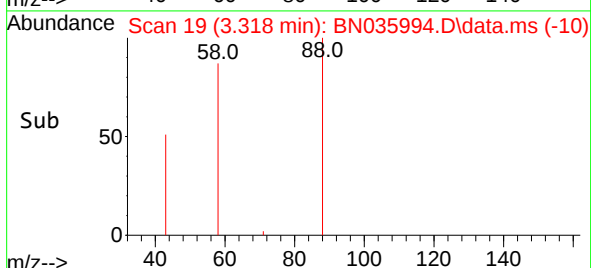
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 Supervised By :mohammad ahmed 01/21/2025

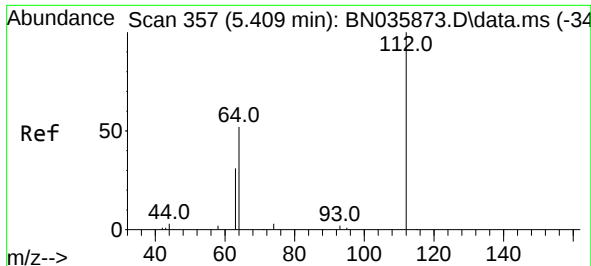


#2
 1,4-Dioxane
 Concen: 0.170 ng
 RT: 3.318 min Scan# 19
 Delta R.T. -0.004 min
 Lab File: BN035994.D
 Acq: 20 Jan 2025 12:15



Tgt Ion: 88 Resp: 390
 Ion Ratio Lower Upper
 88 100
 43 0.0 32.7 49.1#
 58 79.2 63.0 94.4





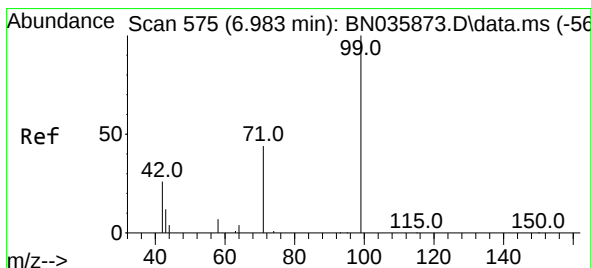
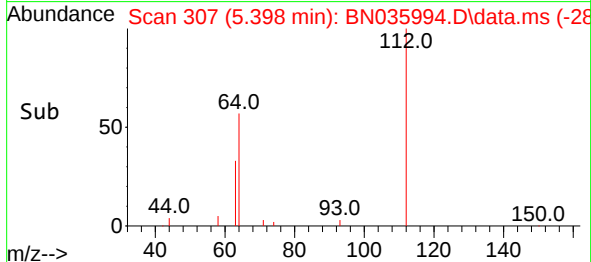
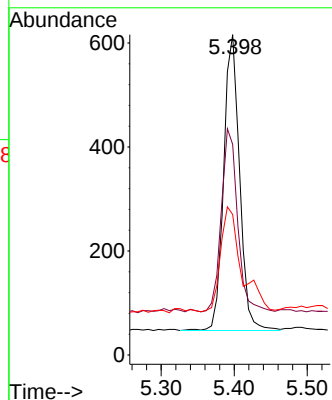
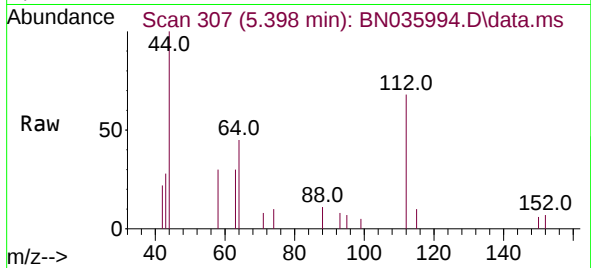
#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.398 min Scan# 307
Delta R.T. -0.011 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

Instrument :
BNA_N
ClientSampleId :
TOWER-2

Tgt Ion: 112 Resp: 860
Ion Ratio Lower Upper
112 100
64 63.3 48.2 72.2
63 47.0 30.0 45.0

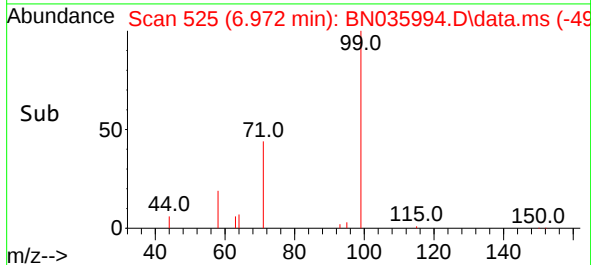
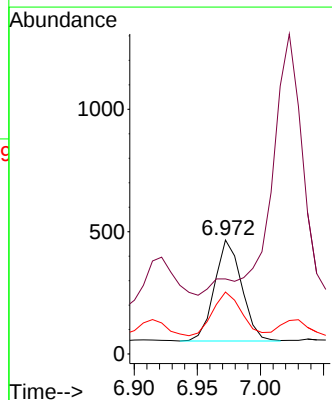
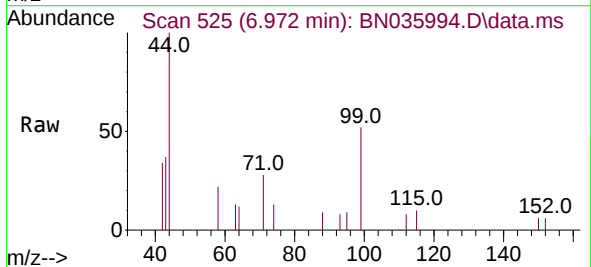
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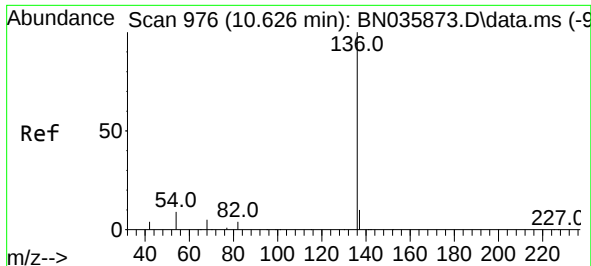
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.972 min Scan# 525
Delta R.T. -0.011 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

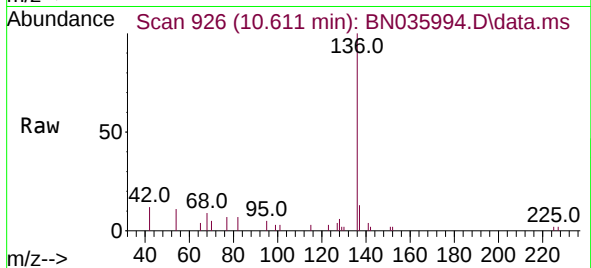
Tgt Ion: 99 Resp: 618
Ion Ratio Lower Upper
99 100
42 0.0 23.5 35.3#
71 47.7 35.5 53.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.611 min Scan# 911
Delta R.T. -0.014 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

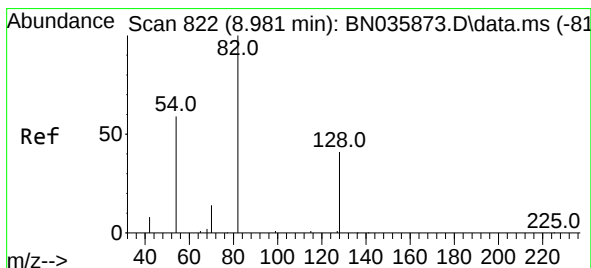
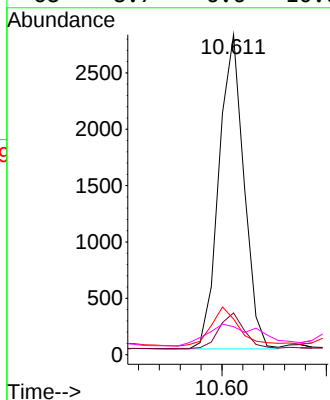
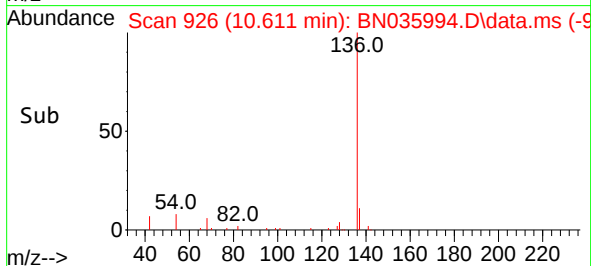
Instrument :
BNA_N
ClientSampleId :
TOWER-2



Tgt Ion:136 Resp: 4632
Ion Ratio Lower Upper
136 100
137 13.0 10.6 15.8
54 11.2 9.8 14.6
68 8.7 6.6 10.0

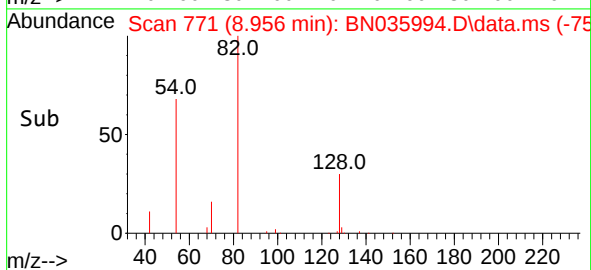
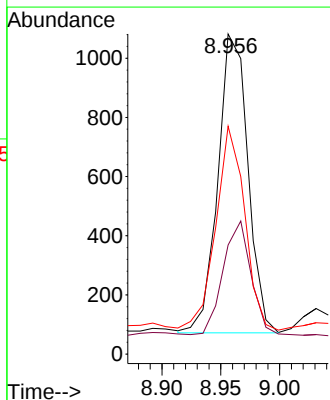
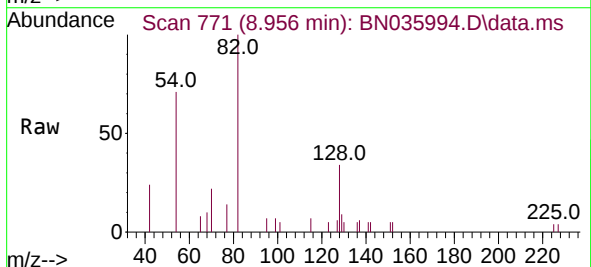
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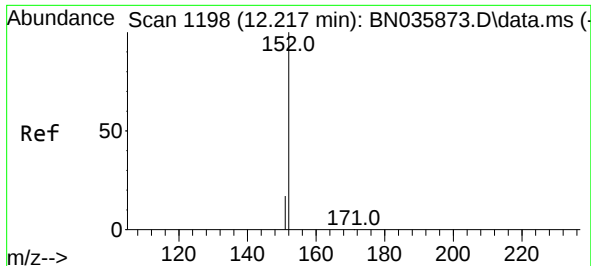
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#8
Nitrobenzene-d5
Concen: 0.489 ng m
RT: 8.956 min Scan# 771
Delta R.T. -0.025 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

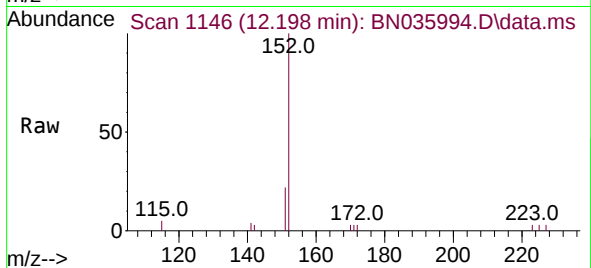
Tgt Ion: 82 Resp: 1792
Ion Ratio Lower Upper
82 100
128 34.1 36.9 55.3#
54 71.2 50.4 75.6





#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 12.198 min Scan# 1198
Delta R.T. -0.019 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

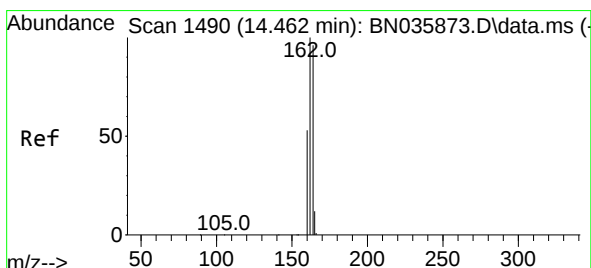
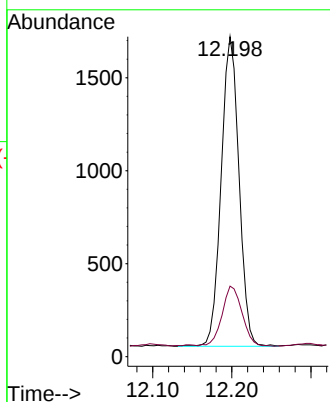
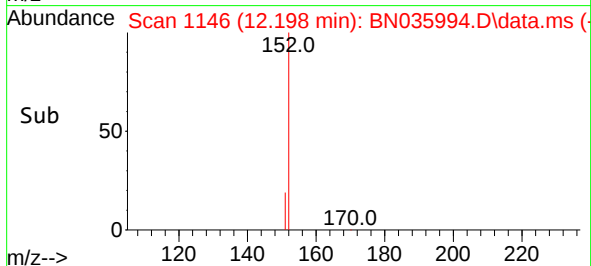
Instrument :
BNA_N
ClientSampleId :
TOWER-2



Tgt Ion:152 Resp: 261
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6

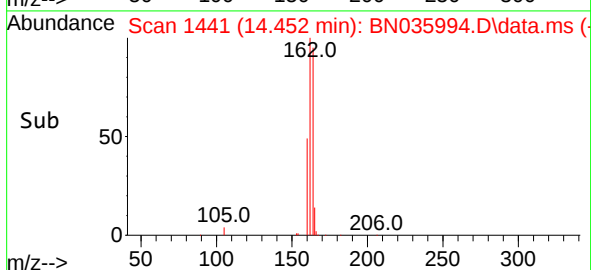
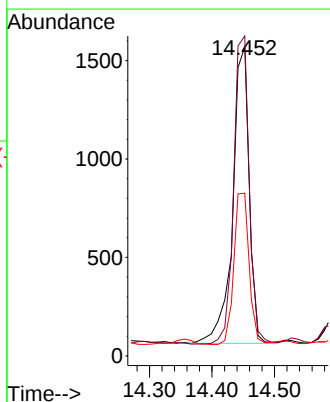
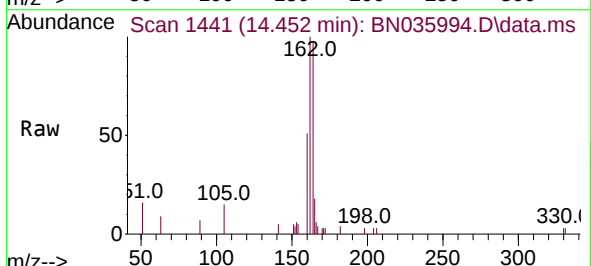
Manual Integrations
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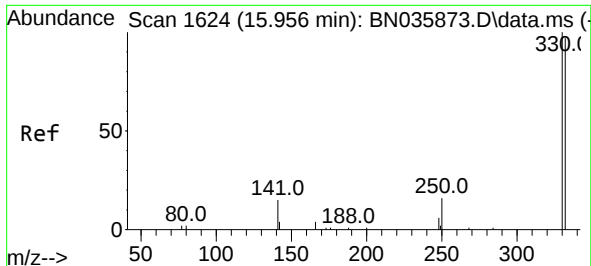
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1441
Delta R.T. -0.009 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

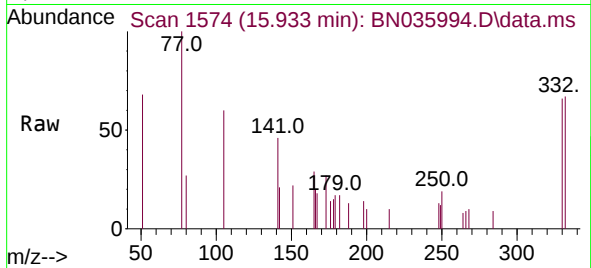
Tgt Ion:164 Resp: 2756
Ion Ratio Lower Upper
164 100
162 103.5 83.1 124.7
160 52.6 46.0 69.0





#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.933 min Scan# 11
Delta R.T. -0.024 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

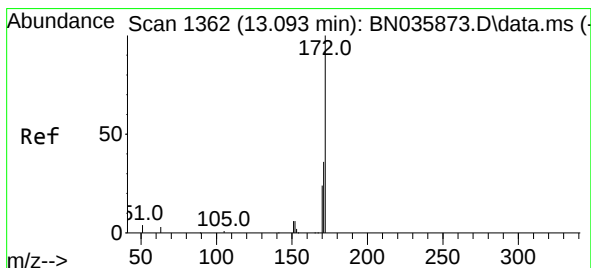
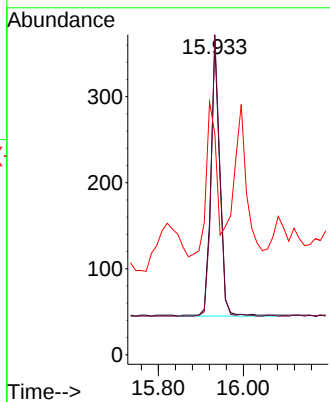
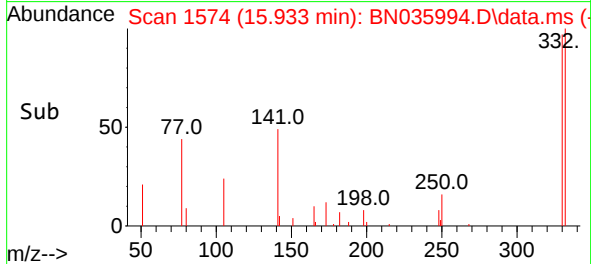
Instrument :
BNA_N
ClientSampleId :
TOWER-2



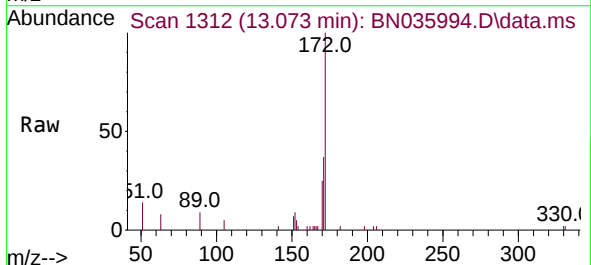
Tgt Ion:330 Resp: 472
Ion Ratio Lower Upper
330 100
332 98.5 77.2 115.8
141 68.9 31.6 47.4

Manual Integrations
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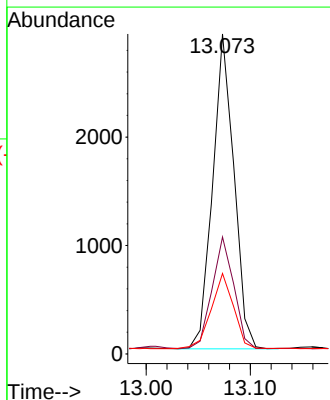
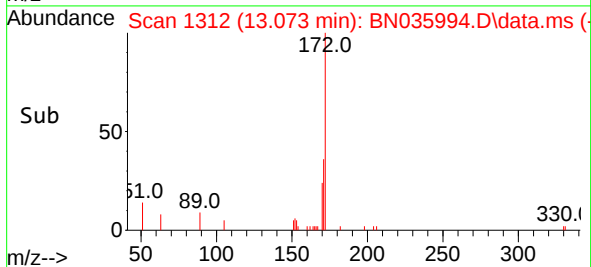
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025

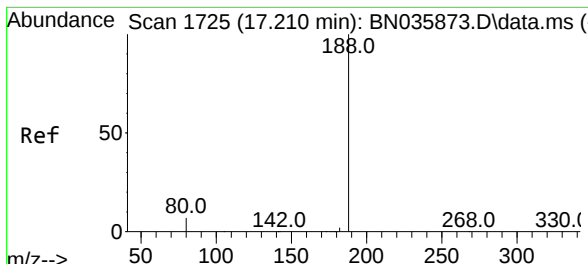


#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.073 min Scan# 1312
Delta R.T. -0.020 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15



Tgt Ion:172 Resp: 4128
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 25.1 20.8 31.2





#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.186 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: BN035994.D
 Acq: 20 Jan 2025 12:15

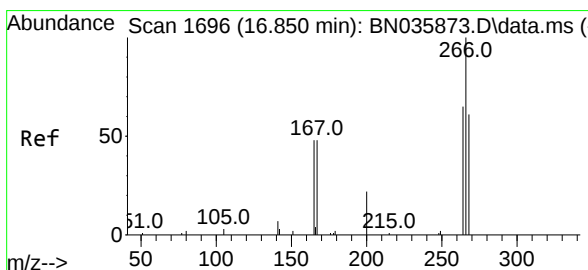
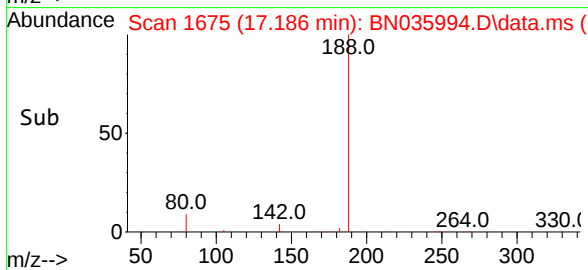
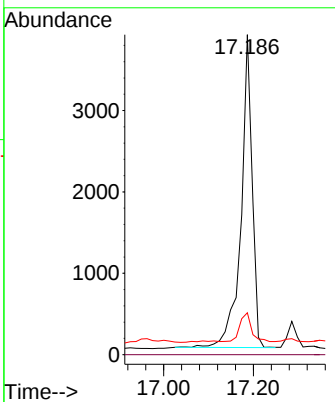
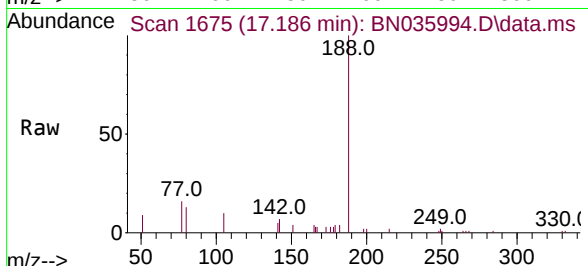
Instrument : BNA_N
 ClientSampleId :
 TOWER-2

Tgt Ion:188 Resp: 6604

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.1	7.3	10.9

Manual Integrations
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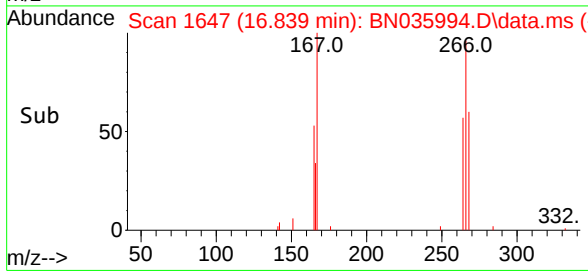
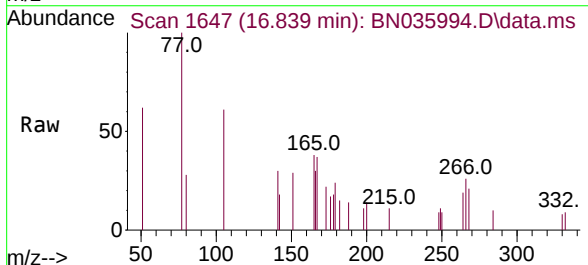
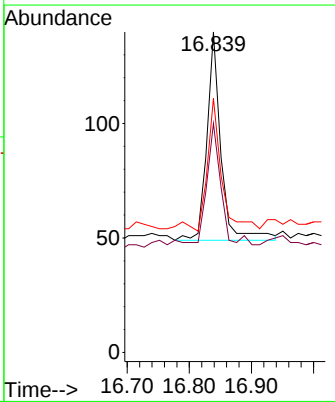
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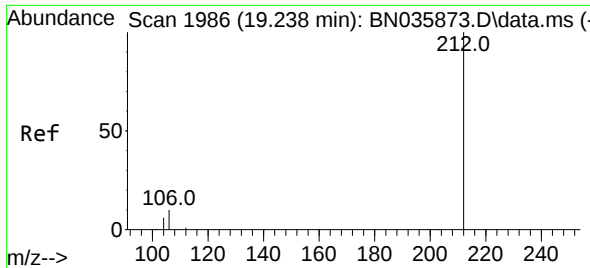


#24
 Pentachlorophenol
 Concen: 0.066 ng
 RT: 16.839 min Scan# 1647
 Delta R.T. -0.011 min
 Lab File: BN035994.D
 Acq: 20 Jan 2025 12:15

Tgt Ion:266 Resp: 144

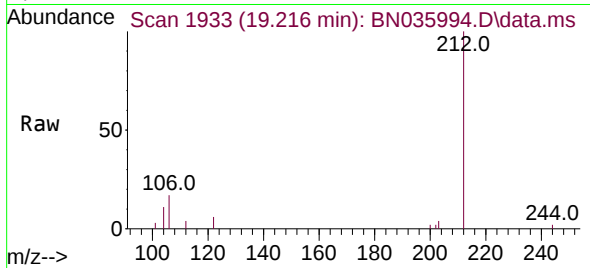
Ion	Ratio	Lower	Upper
266	100		
264	54.2	49.9	74.9
268	61.1	50.2	75.2





#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.216 min Scan# 1986
Delta R.T. -0.022 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

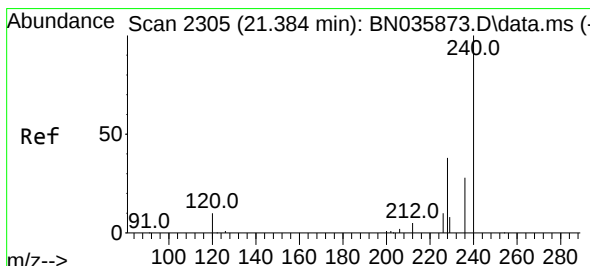
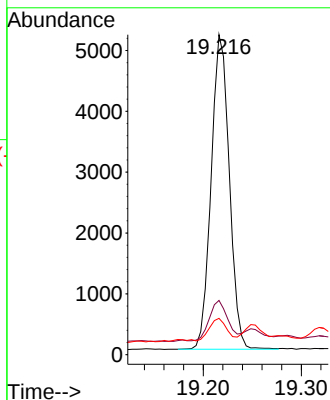
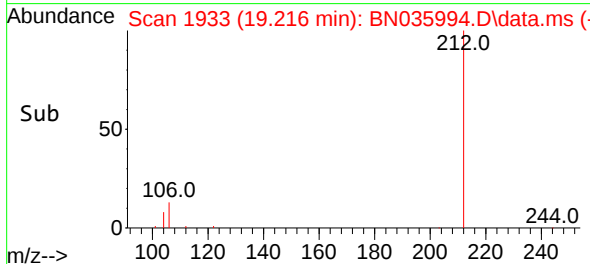
Instrument :
BNA_N
ClientSampleId :
TOWER-2



Tgt Ion:212 Resp: 6649
Ion Ratio Lower Upper
212 100
106 12.8 9.0 13.6
104 6.9 5.4 8.2

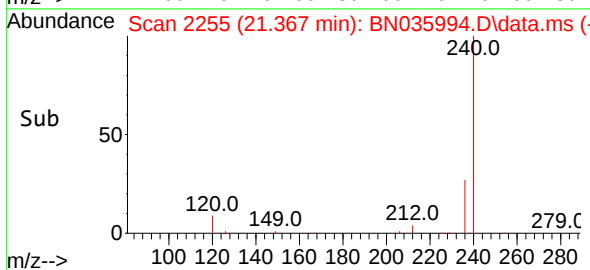
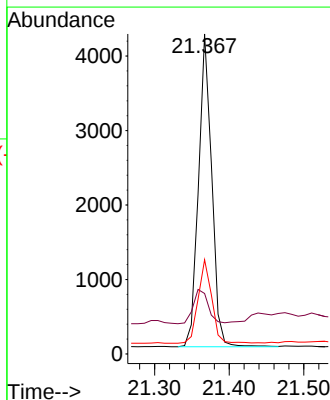
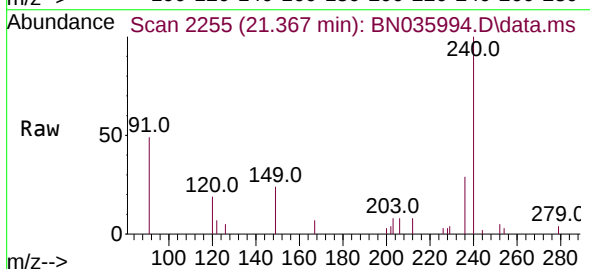
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APPROVED

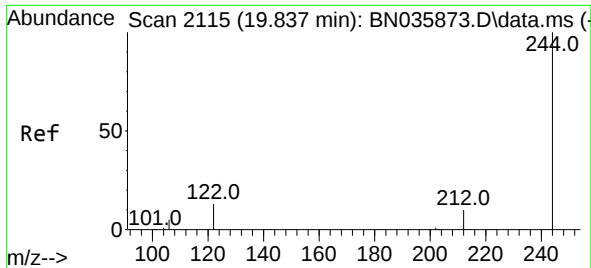
Reviewed By :Yogesh Patel 01/21/2025
Supervised By :mohammad ahmed 01/21/2025



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.367 min Scan# 2255
Delta R.T. -0.017 min
Lab File: BN035994.D
Acq: 20 Jan 2025 12:15

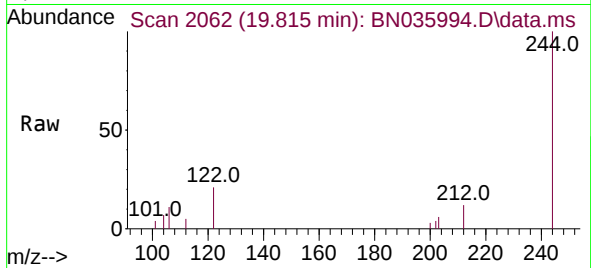
Tgt Ion:240 Resp: 5182
Ion Ratio Lower Upper
240 100
120 18.9 11.1 16.7#
236 29.4 24.6 36.8





#31
 Terphenyl-d14
 Concen: 0.497 ng
 RT: 19.815 min Scan# 2062
 Delta R.T. -0.022 min
 Lab File: BN035994.D
 Acq: 20 Jan 2025 12:15

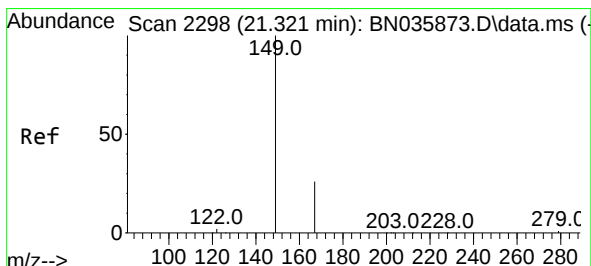
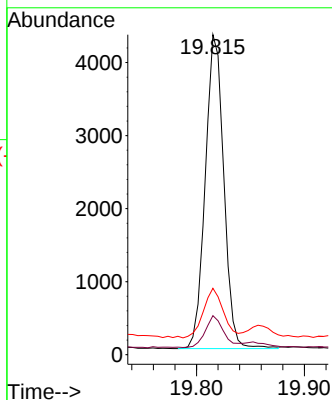
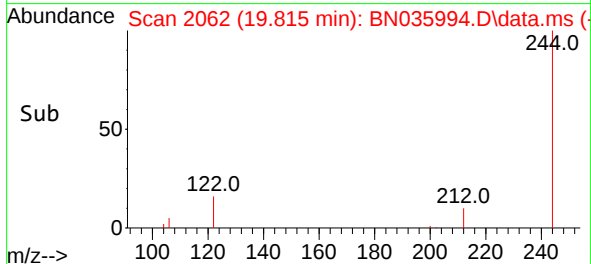
Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2



Tgt Ion:244 Resp: 512
 Ion Ratio Lower Upper
 244 100
 212 12.2 10.1 15.1
 122 20.8 12.2 18.4

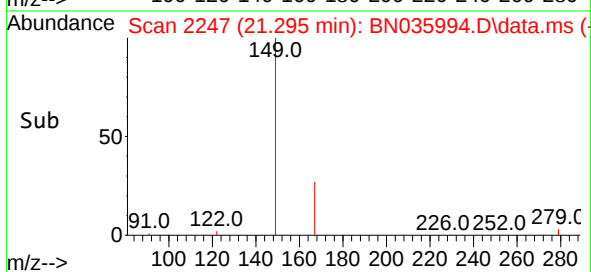
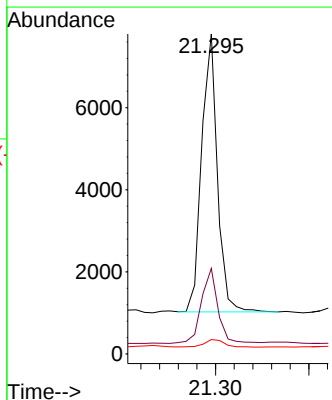
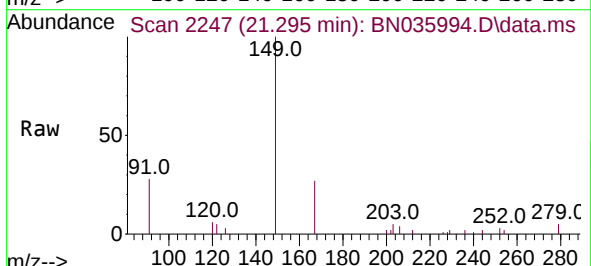
Manual Integrations
 APPROVED

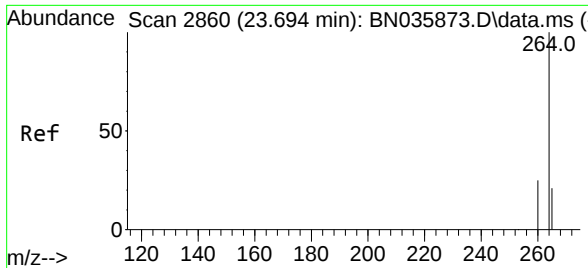
Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/21/2025



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 1.067 ng
 RT: 21.295 min Scan# 2247
 Delta R.T. -0.026 min
 Lab File: BN035994.D
 Acq: 20 Jan 2025 12:15

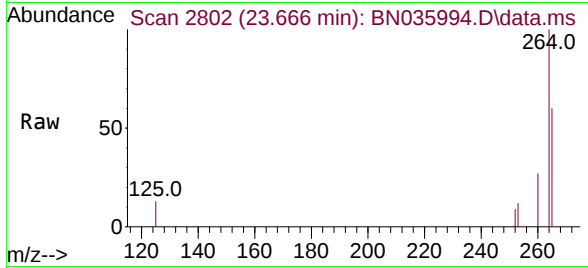
Tgt Ion:149 Resp: 7934
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.4 32.0
 279 3.4 3.0 4.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.666 min Scan# 21
 Delta R.T. -0.028 min
 Lab File: BN035994.D
 Acq: 20 Jan 2025 12:15

Instrument :
 BNA_N
 ClientSampleId :
 TOWER-2



Tgt Ion:	264	Resp:	546
Ion Ratio	Lower	Upper	
264	100		
260	27.0	21.7	32.5
265	60.0	33.9	50.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/21/2025
 Supervised By :mohammad ahmed 01/21/2025

