

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035827.D
 Acq On : 24 Dec 2024 18:29
 Operator : RC/JU
 Sample : P5376-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT161S1-20241219

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 23:20:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	3265	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	7883	0.400	ng	#-0.01
13) Acenaphthene-d10	13.924	164	4842	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	9395	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7091	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	6735	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.924	112	907	0.111	ng	-0.01
5) Phenol-d6	6.484	99	487	0.050	ng	0.00
8) Nitrobenzene-d5	8.408	82	2033m	0.422	ng	0.00
11) 2-Methylnaphthalene-d10	11.610	152	4487	0.364	ng	-0.01
14) 2,4,6-Tribromophenol	15.443	330	681	0.198	ng	-0.01
15) 2-Fluorobiphenyl	12.528	172	7221	0.395	ng	-0.02
27) Fluoranthene-d10	18.747	212	10577	0.397	ng	-0.01
31) Terphenyl-d14	19.379	244	7825	0.559	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	1019	0.326	ng	# 95
34) Bis(2-ethylhexyl)phtha...	20.893	149	896	0.091	ng	# 98

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

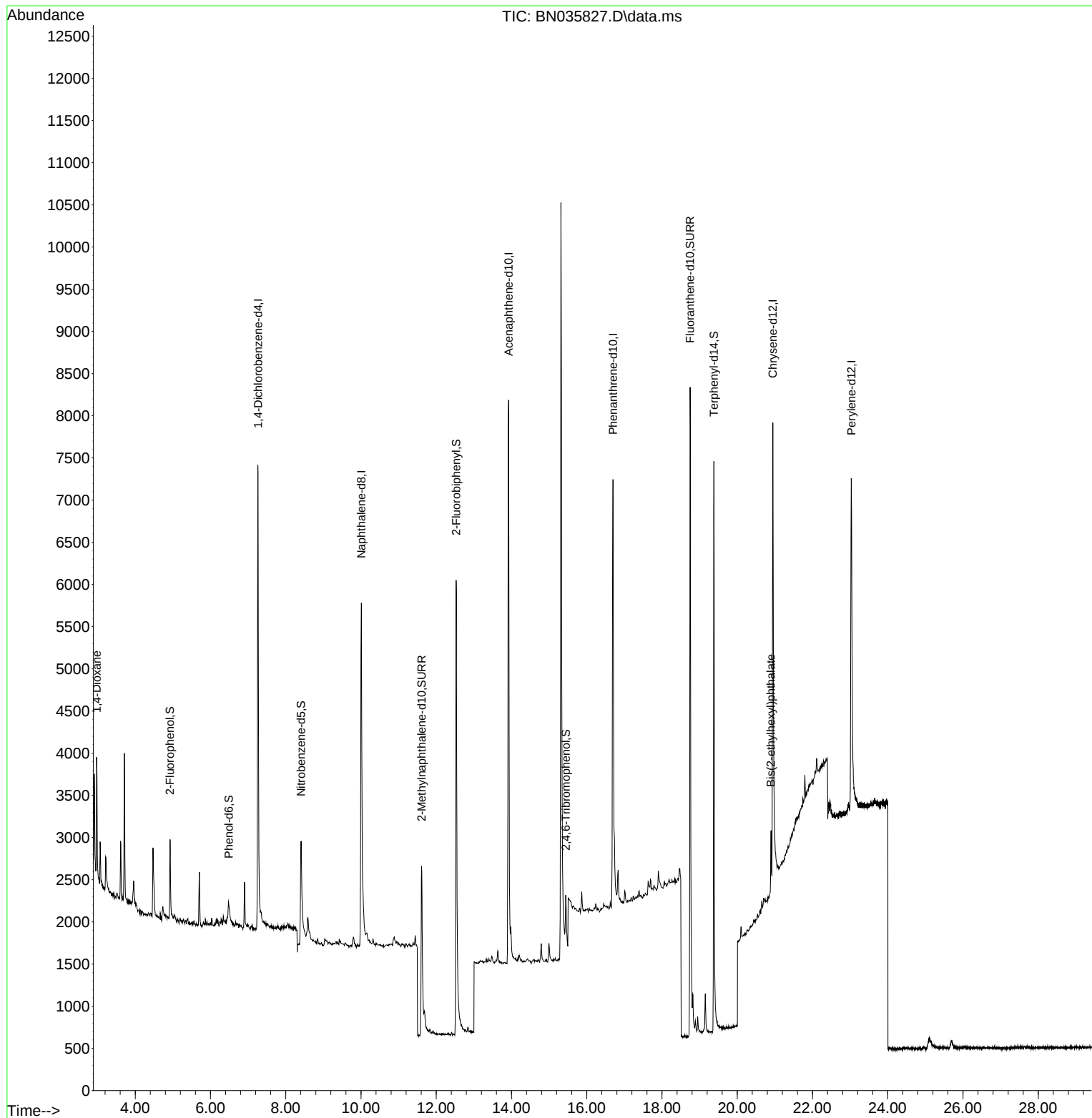
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Data File : BN035827.D
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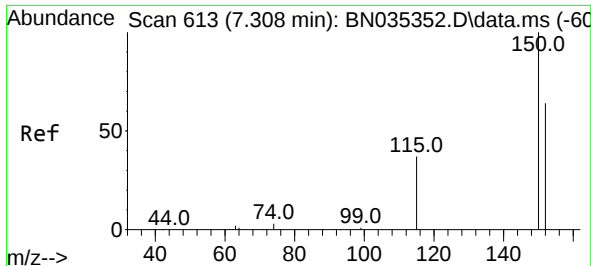
Instrument :
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ClientSampleId :
TT161S1-20241219

Quant Time: Dec 24 23:20:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Manual Integrations
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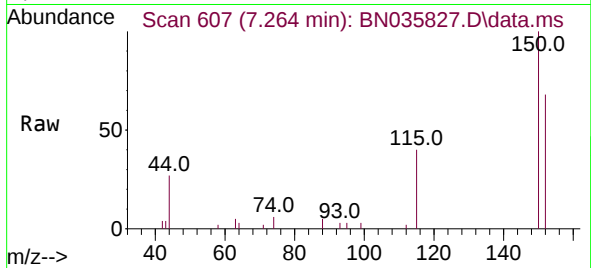
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

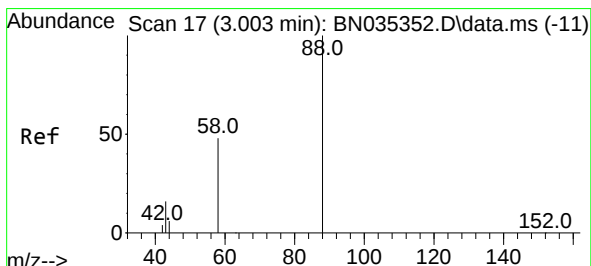
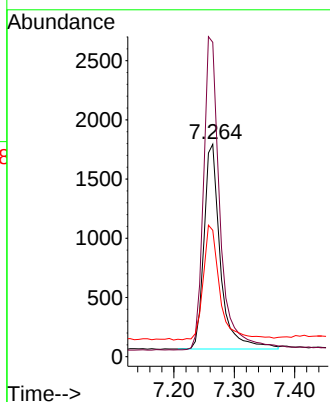
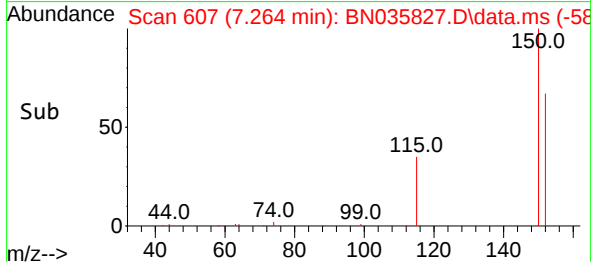
Instrument :
BNA_N
ClientSampleId :
TT161S1-20241219



Tgt Ion:152 Resp: 326
Ion Ratio Lower Upper
152 100
150 148.0 124.0 186.0
115 59.5 49.6 74.4

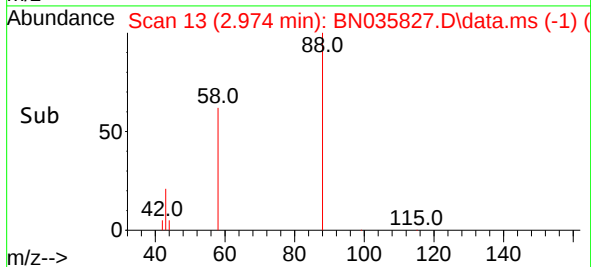
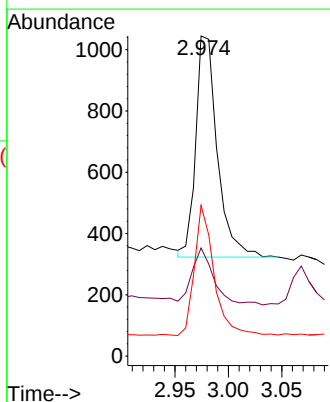
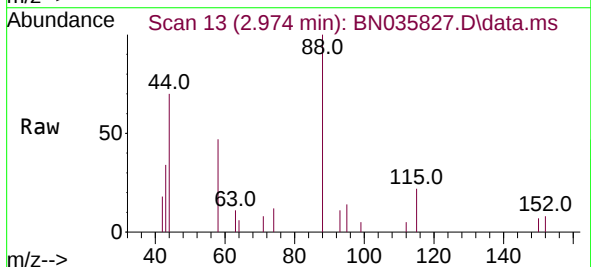
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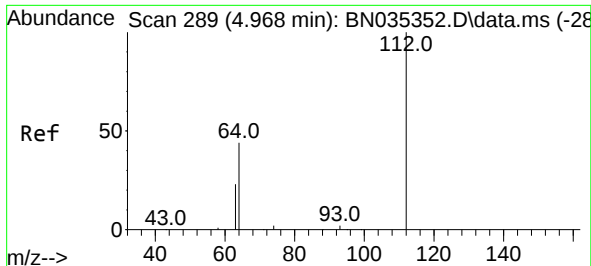
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Supervised By :mohammad ahmed 12/26/2024



#2
1,4-Dioxane
Concen: 0.326 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion: 88 Resp: 1019
Ion Ratio Lower Upper
88 100
43 26.0 17.2 25.8#
58 53.1 44.5 66.7





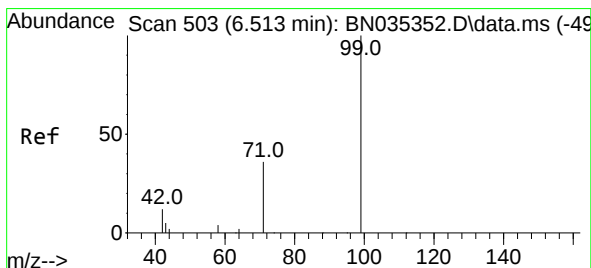
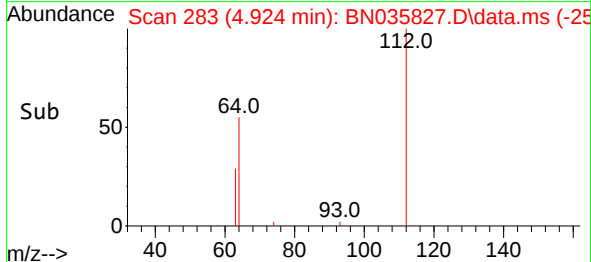
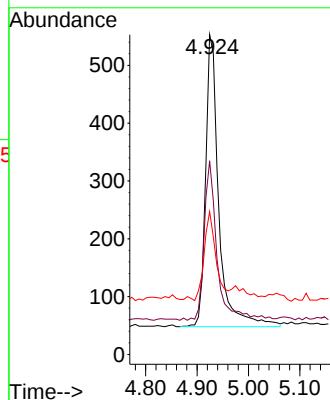
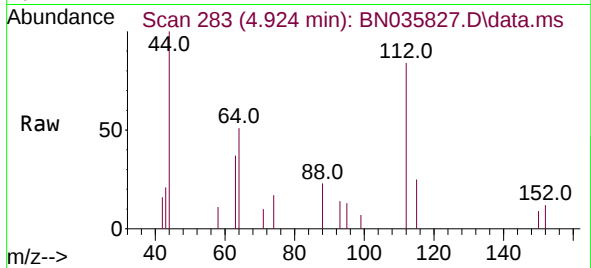
#4
2-Fluorophenol
Concen: 0.111 ng
RT: 4.924 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Instrument :
BNA_N
ClientSampleId :
TT161S1-20241219

Tgt Ion:112 Resp: 90
Ion Ratio Lower Upper
112 100
64 53.8 39.8 59.8
63 26.7 21.0 31.6

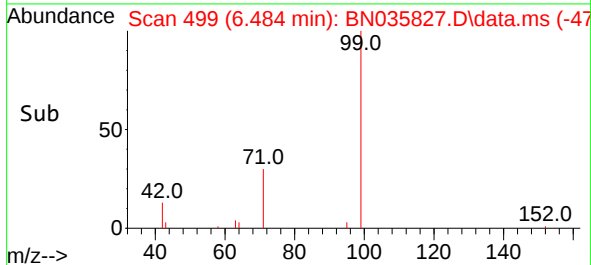
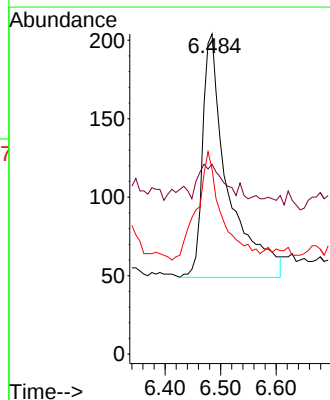
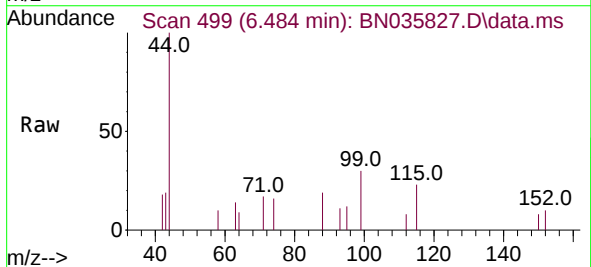
Manual Integrations
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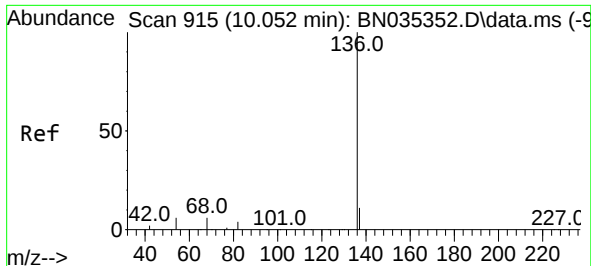
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#5
Phenol-d6
Concen: 0.050 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion: 99 Resp: 487
Ion Ratio Lower Upper
99 100
42 13.3 11.4 17.2
71 44.6 29.3 43.9#





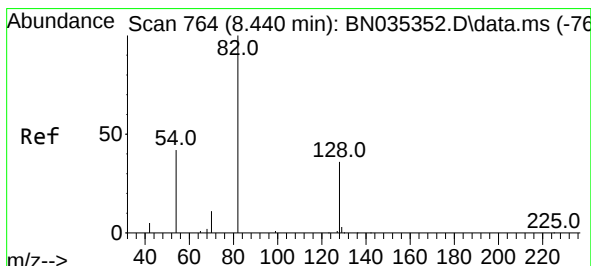
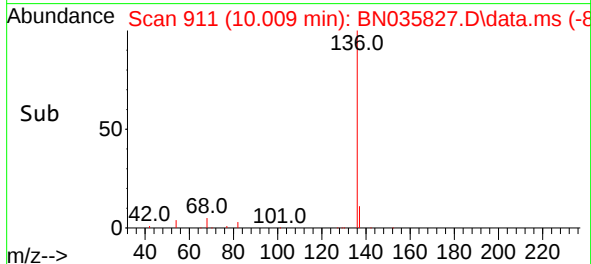
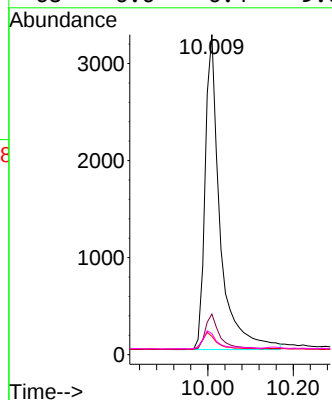
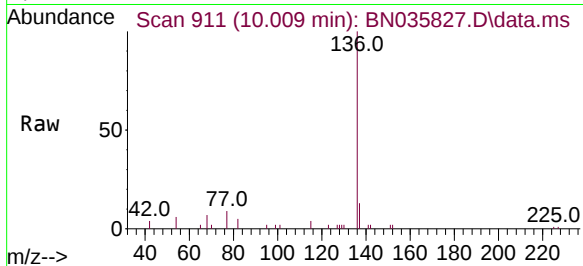
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Instrument :
BNA_N
ClientSampleId :
TT161S1-20241219

Tgt Ion:136	Resp:	788
Ion Ratio	Lower	Upper
136	100	
137	12.7	10.2 15.2
54	5.7	6.1 9.1
68	6.6	6.4 9.6

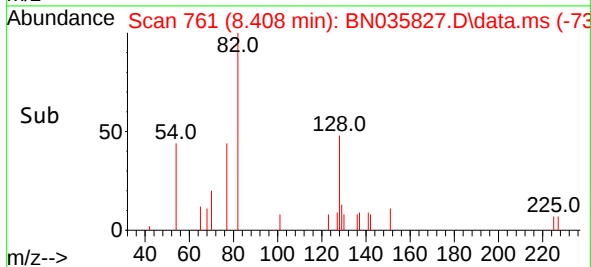
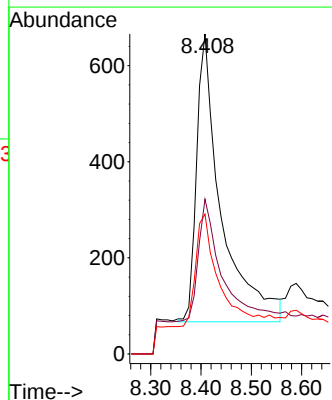
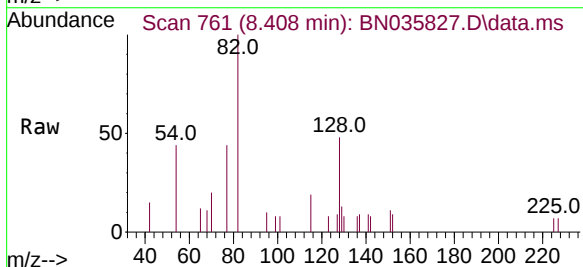
Manual Integrations
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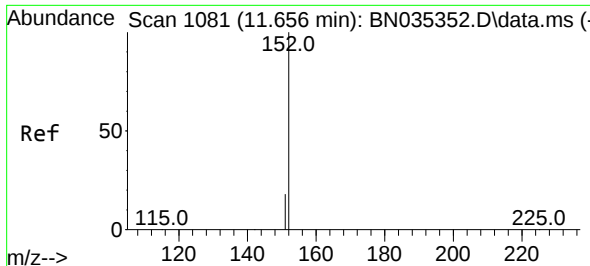
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#8
Nitrobenzene-d5
Concen: 0.422 ng m
RT: 8.408 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

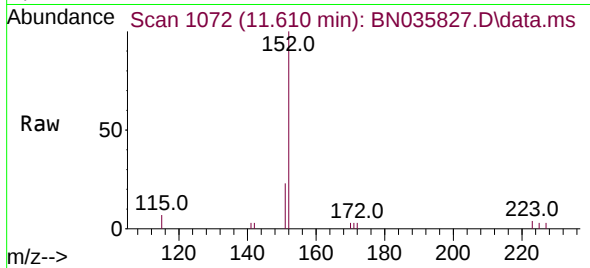
Tgt Ion: 82	Resp:	2033
Ion Ratio	Lower	Upper
82	100	
128	48.3	33.4 50.0
54	43.7	36.7 55.1





#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 11.610 min Scan# 1081
Delta R.T. -0.010 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

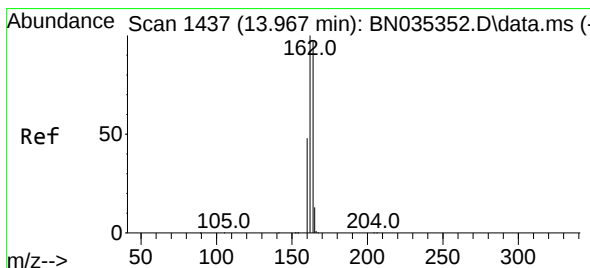
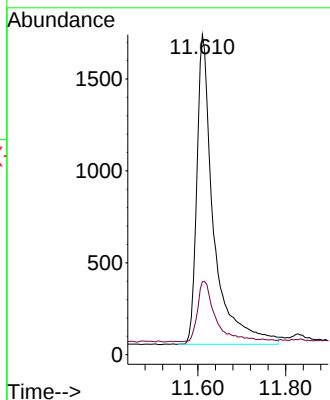
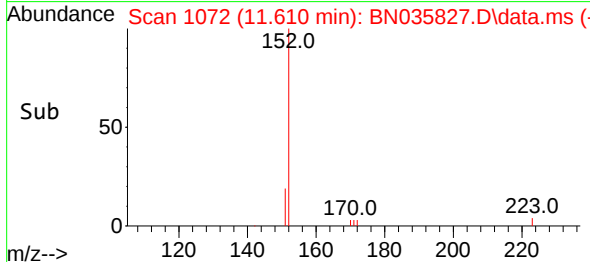
Instrument :
BNA_N
ClientSampleId :
TT161S1-20241219



Tgt Ion:152 Resp: 4485
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0

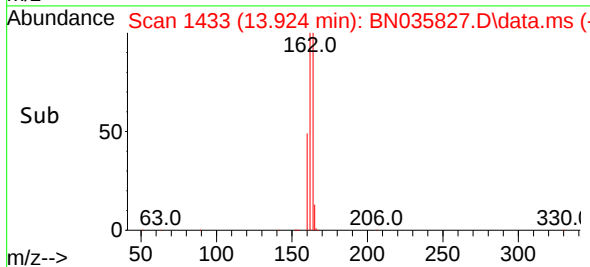
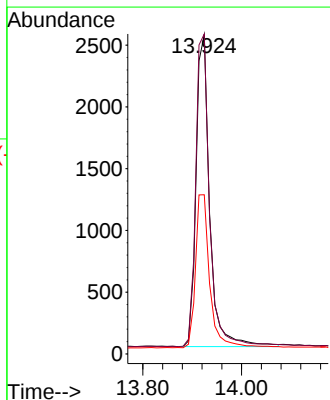
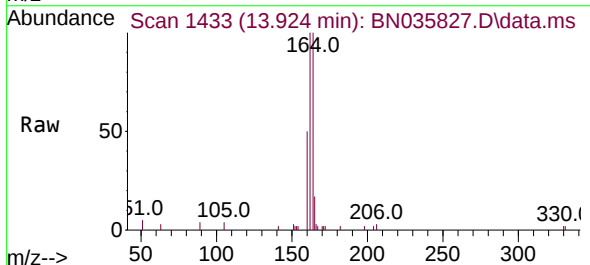
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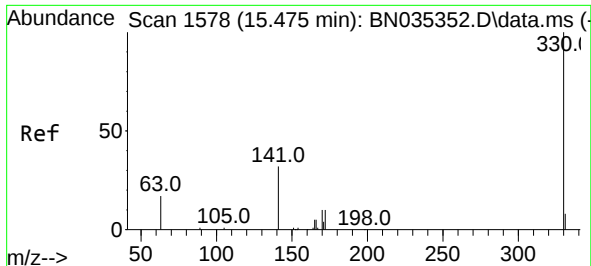
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion:164 Resp: 4842
Ion Ratio Lower Upper
164 100
162 100.3 82.2 123.2
160 49.9 40.1 60.1





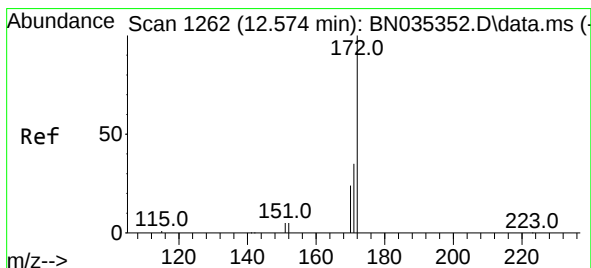
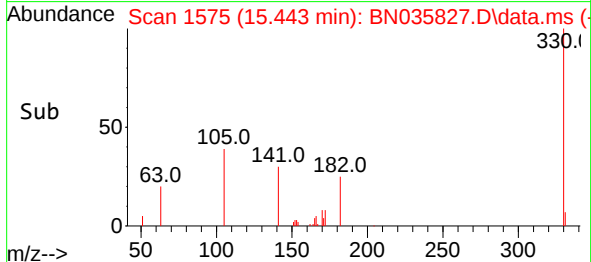
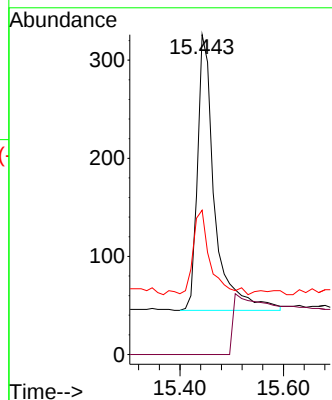
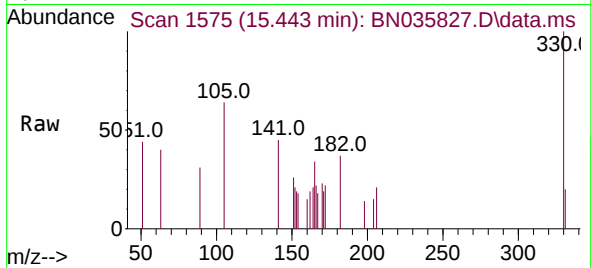
#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.443 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Instrument :
BNA_N
ClientSampleId :
TT161S1-20241219

Tgt Ion:330 Resp: 68
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 26.6 40.0

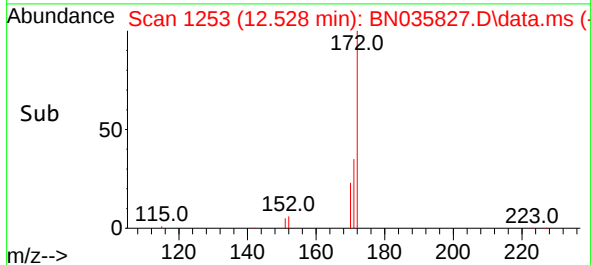
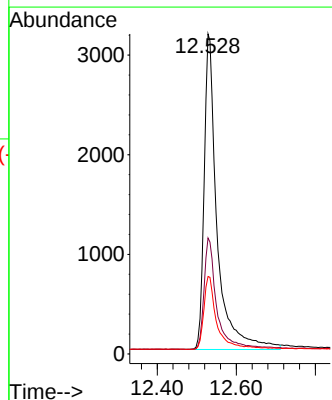
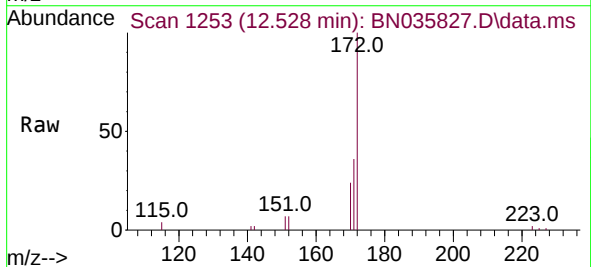
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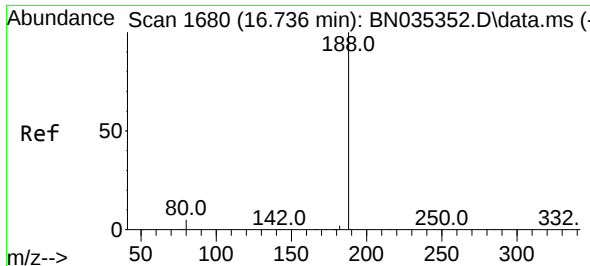
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.528 min Scan# 1253
Delta R.T. -0.015 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

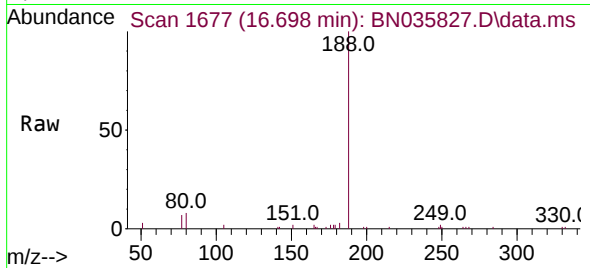
Tgt Ion:172 Resp: 7221
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.2 19.8 29.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

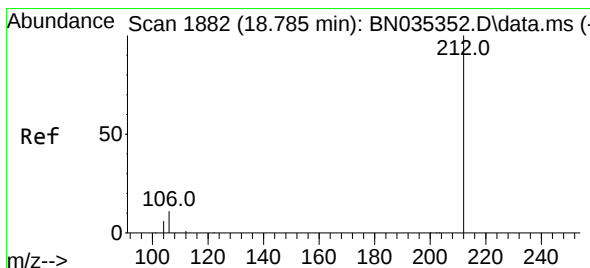
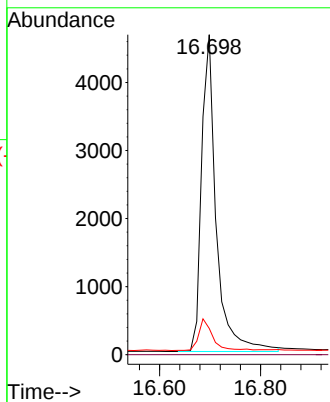
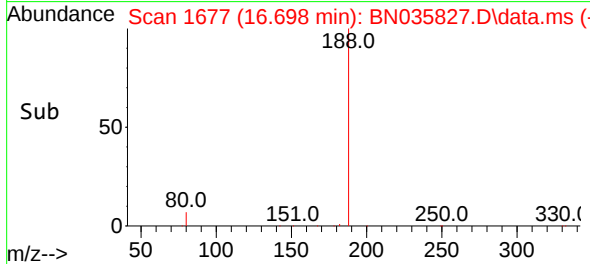
Instrument :
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TT161S1-20241219



Tgt Ion:188 Resp: 939
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 4.6 6.8

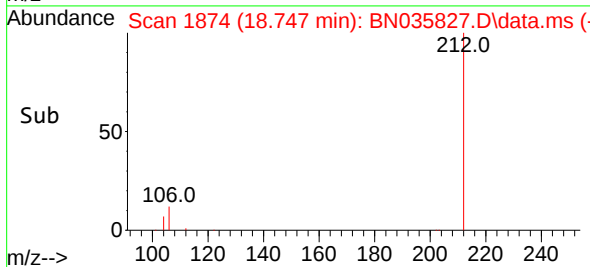
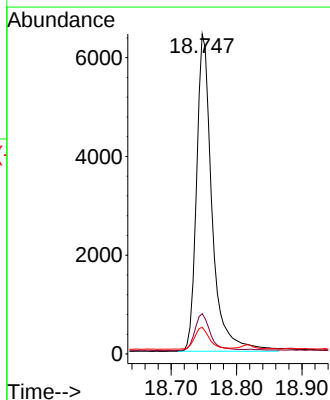
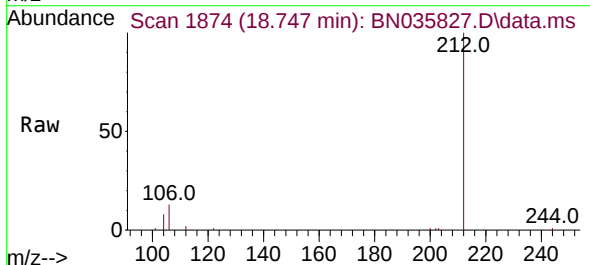
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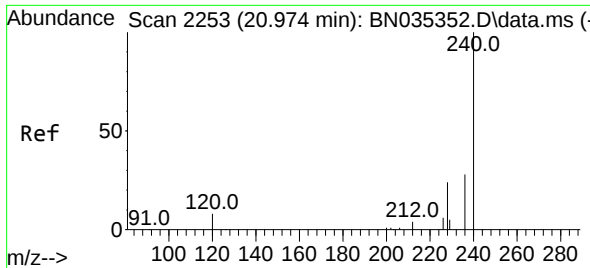
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.747 min Scan# 1874
Delta R.T. -0.014 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

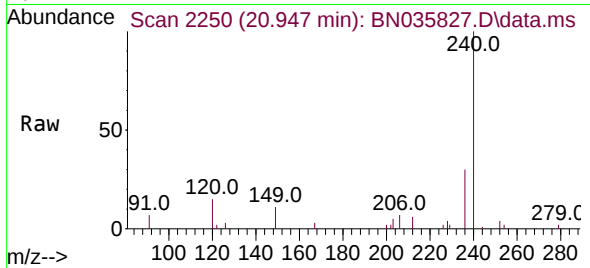
Tgt Ion:212 Resp: 10577
Ion Ratio Lower Upper
212 100
106 11.7 9.2 13.8
104 6.7 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 210
Delta R.T. -0.009 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

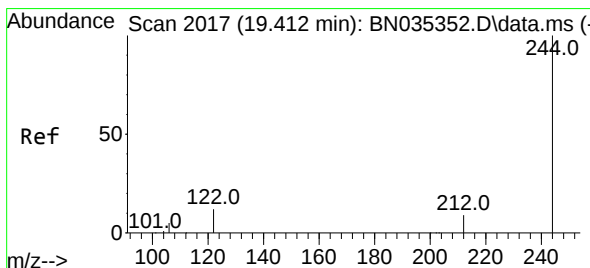
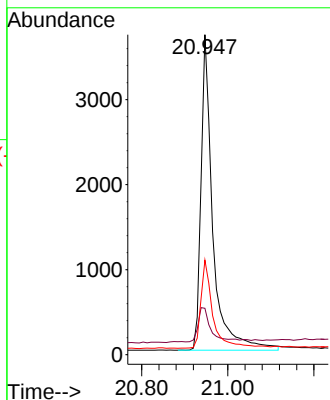
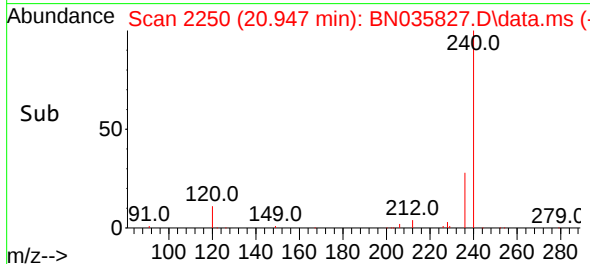
Instrument :
BNA_N
ClientSampleId :
TT161S1-20241219



Tgt Ion:240 Resp: 709
Ion Ratio Lower Upper
240 100
120 14.5 7.9 11.9
236 29.6 22.9 34.3

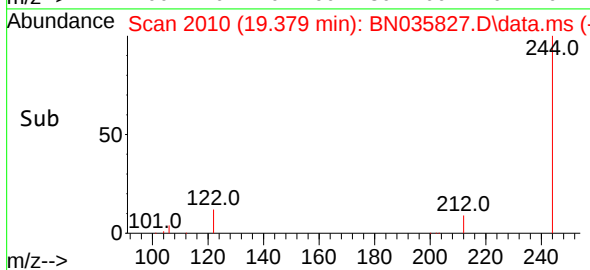
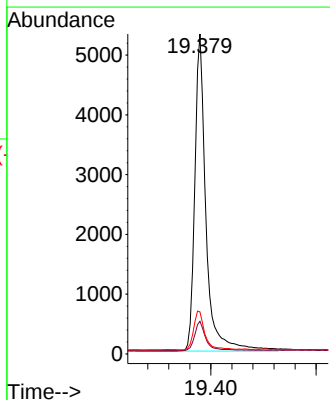
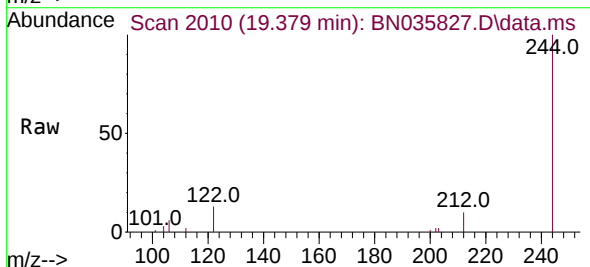
Manual Integrations
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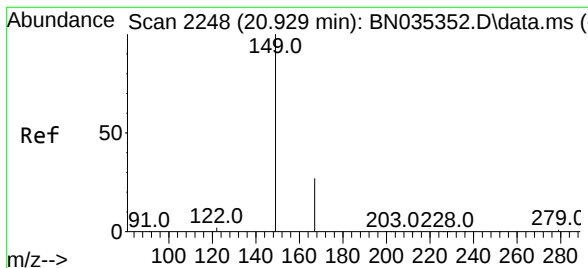
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#31
Terphenyl-d14
Concen: 0.559 ng
RT: 19.379 min Scan# 2010
Delta R.T. -0.009 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

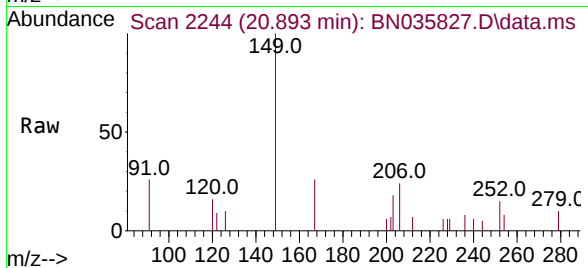
Tgt Ion:244 Resp: 7825
Ion Ratio Lower Upper
244 100
212 10.2 8.1 12.1
122 13.1 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 20.893 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

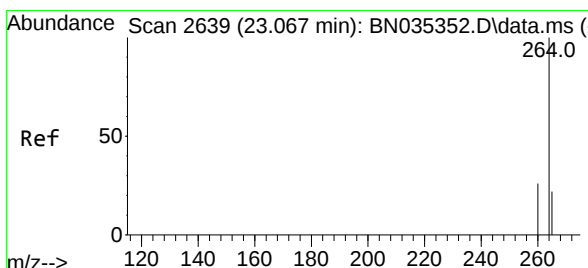
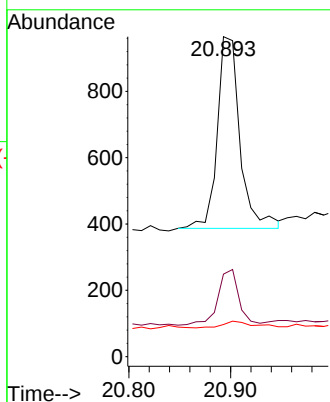
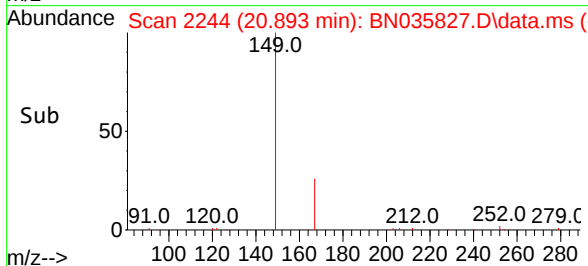
Instrument :
BNA_N
ClientSampleId :
TT161S1-20241219



Tgt Ion:149 Resp: 890
Ion Ratio Lower Upper
149 100
167 26.8 22.2 33.4
279 4.6 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion:264 Resp: 6735
Ion Ratio Lower Upper
264 100
260 26.6 21.4 32.2
265 95.8 40.2 60.4

